SONY

VIDEO PROJECTOR

VPL-HS20

REMOTE COMMANDER
RM-PJHS10

PROJECTION LENS
VPLL-CT10
VPLL-CW10

SERVICE MANUAL
1st Edition

⚠警告

このマニュアルは，サービス専用です。
お客様が，このマニュアルに記載された設置や保守，点検，修理などを行うと感電や火災，人身事故につながることがあります。
危険をさけるため，サービストレーニングを受けた技術者のみご使用ください。

⚠WARNING

This manual is intended for qualified service personnel only.
To reduce the risk of electric shock, fire or injury, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so. Refer all servicing to qualified service personnel.

⚠WARNUNG

Die Anleitung ist nur für qualifiziertes Fachpersonal bestimmt.
Alle Wartungsarbeiten dürfen nur von qualifiziertem Fachpersonal ausgeführt werden. Um die Gefahr eines elektrischen Schlages, Feuergefahr und Verletzungen zu vermeiden, sind bei Wartungsarbeiten strikt die Angaben in der Anleitung zu befolgen. Andere als die angegeben Wartungsarbeiten dürfen nur von Personen ausgeführt werden, die eine spezielle Befähigung dazu besitzen.

⚠ AVERTISSEMENT

Ce manual est destiné uniquement aux personnes compétentes en charge de l’entretien. Afin de réduire les risques de décharge électrique, d’incendie ou de blessure n’effectuer que les réparations indiquées dans le mode d’emploi à moins d’être qualifié pour en effectuer d’autres. Pour toute réparation faire appel à une personne compétente uniquement.

WARNING!!

AN INSULATED TRANSFORMER SHOULD BE USED DURING ANY SERVICE TO AVOID POSSIBLE SHOCK HAZARD, BECAUSE OF LIVE CHASSIS.
THE CHASSIS OF THIS RECEIVER IS DIRECTLY CONNECTED TO THE AC POWER LINE.

SAFETY-RELATED COMPONENT WARNING !!

COMPONENTS IDENTIFIED BY A ⚠ MARK ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION!!

AFIN D’ÉVITER TOUT RISQUE D’ÉLECTROCUTION PROVENANT D’UN CHÂSSIS SOUS TENSION, UN TRANSFORMATEUR D’ISOLEMENT DOIT ETRE UTILISÉ LORS DE TOUT DÉPANNAGE.
LE CHÂSSIS DE CE RÉCEPTEUR EST DIRECTEMENT RACCORDÉ Á L’ALIMENTATION SECTEUR.

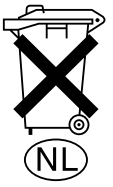
ATTENTION AUX COMPOSANTS RELATIFS Á LA SÉCURITÉ!!

LES COMPOSANTS IDENTIFIÉS PAR UNE MAPQUE ⚠ SUR LES SCHÉMAS DE PRINCIPE, LES VUES EXPLOSÉES ET LES LISTES DE PIECES SONT D’UNE IMPORTANCE CRITIQUE POUR LA SÉCURITÉ DU FONCTIONNEMENT. NE LES REMPLACER QUE PAR DES COMPOSANTS SONY DONT LE NUMÉRO DE PIÈCE EST INDIQUÉ DANS LE PRÉSENT MANUEL OU DANS DES SUPPLÉMENTS PUBLIÉS PAR SONY.

For the customers in the Netherlands
Voor de klanten in Nederland

Hoe u de batterijen moet verwijderen, leest u in de tekst van deze handleiding.

Gooi de batterij niet weg maar lever deze in als klein chemisch afval (KCA).



Für Kunden in Deutschland

Entsorgungshinweis: Bitte werfen Sie nur entladene Batterien in die Sammelboxen beim Handel oder den Kommunen. Entladen sind Batterien in der Regel dann, wenn das Gerät abschaltet und signalisiert “Batterie leer” oder nach längerer Gebrauchsdauer der Batterien “nicht mehr einwandfrei funktioniert”. Um sicherzugehen, kleben Sie die Batteriepole z.B. mit einem Klebestreifen ab oder geben Sie die Batterien einzeln in einen Plastikbeutel.

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Printed Wiring Boards

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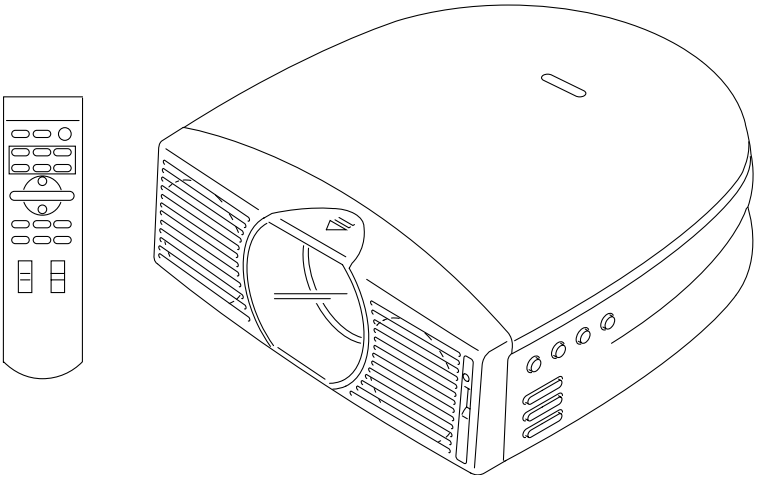
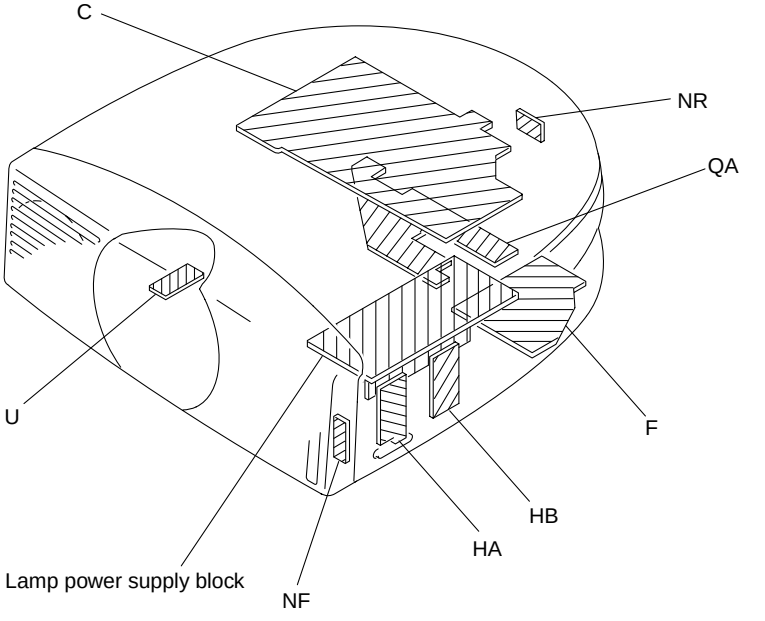
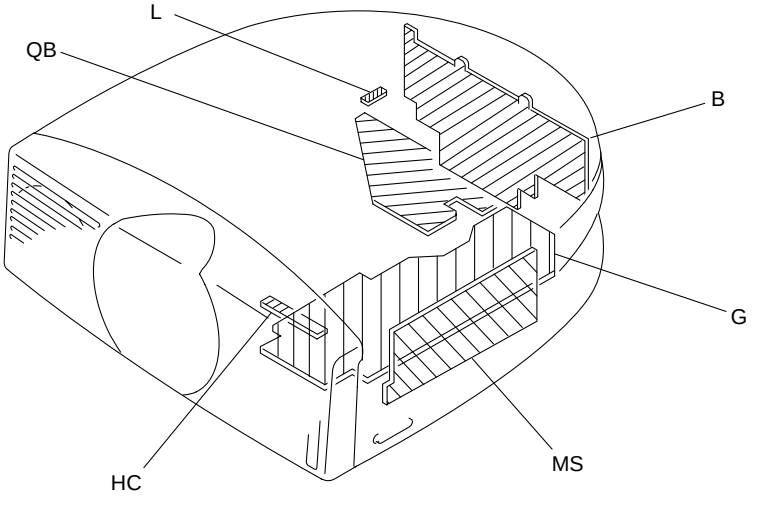
Section 1
Service Overview

1-1. Appearance Figure



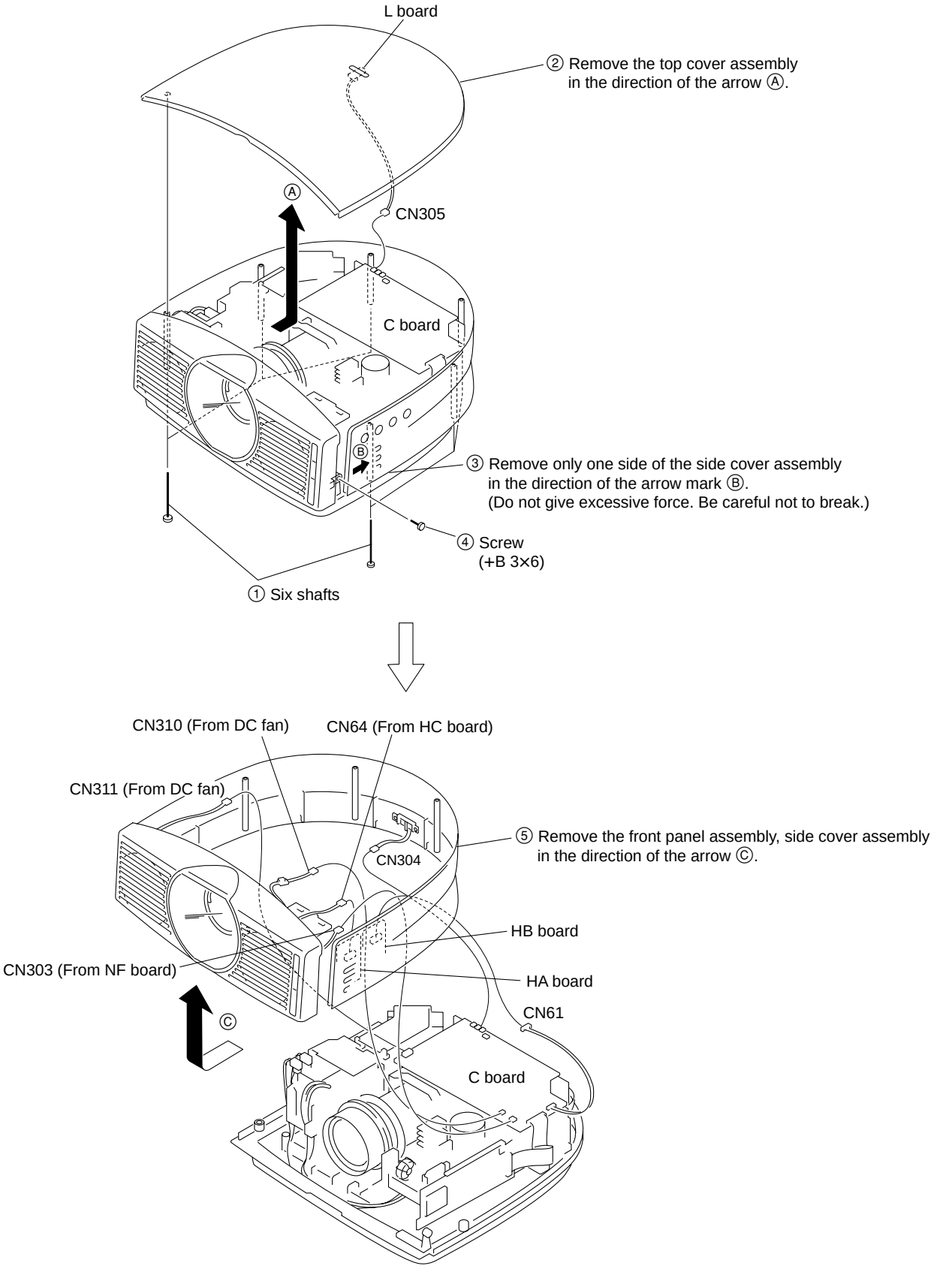
1-2. Board Locations





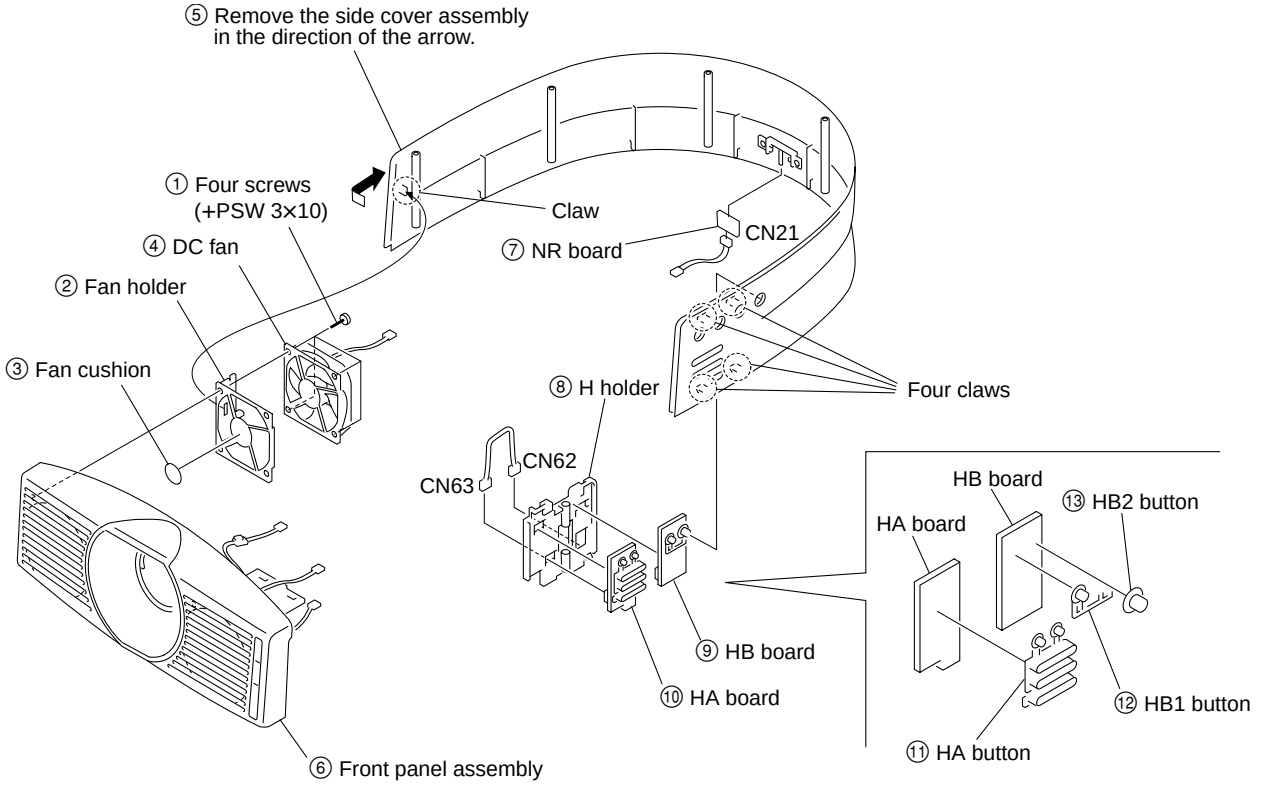
1-3. Disassembly

1-3-1. Front Panel Assembly and Side Cover Assembly


L board
② Remove the top cover assembly in the direction of the arrow Ⓐ.
Ⓐ
CN305
C board
Ⓑ
③ Remove only one side of the side cover assembly in the direction of the arrow mark Ⓑ.
(Do not give excessive force. Be careful not to break.)
④ Screw
(+B 3×6)
① Six shafts
CN310 (From DC fan)
CN64 (From HC board)
CN311 (From DC fan)
⑤ Remove the front panel assembly, side cover assembly in the direction of the arrow Ⓒ.
CN304
HB board
CN303 (From NF board)
HA board
CN61
Ⓒ
C board

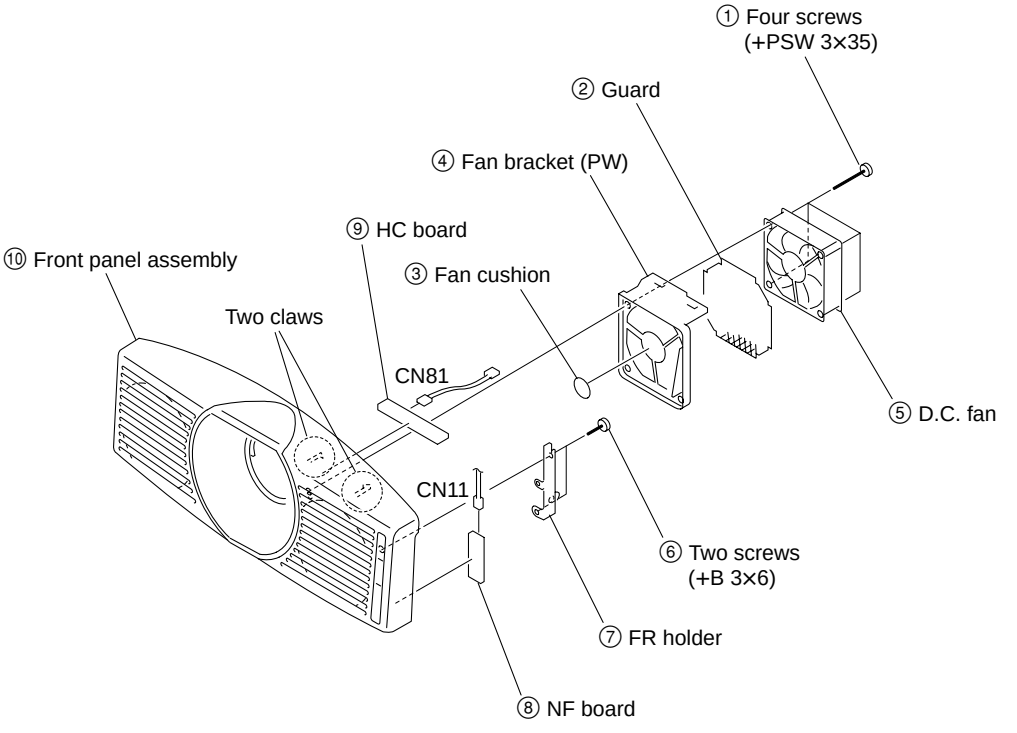
1-3-2. HA, HB and NR Boards

• Remove the front panel assembly and side cover assembly. (Refer to 1-3-1.)



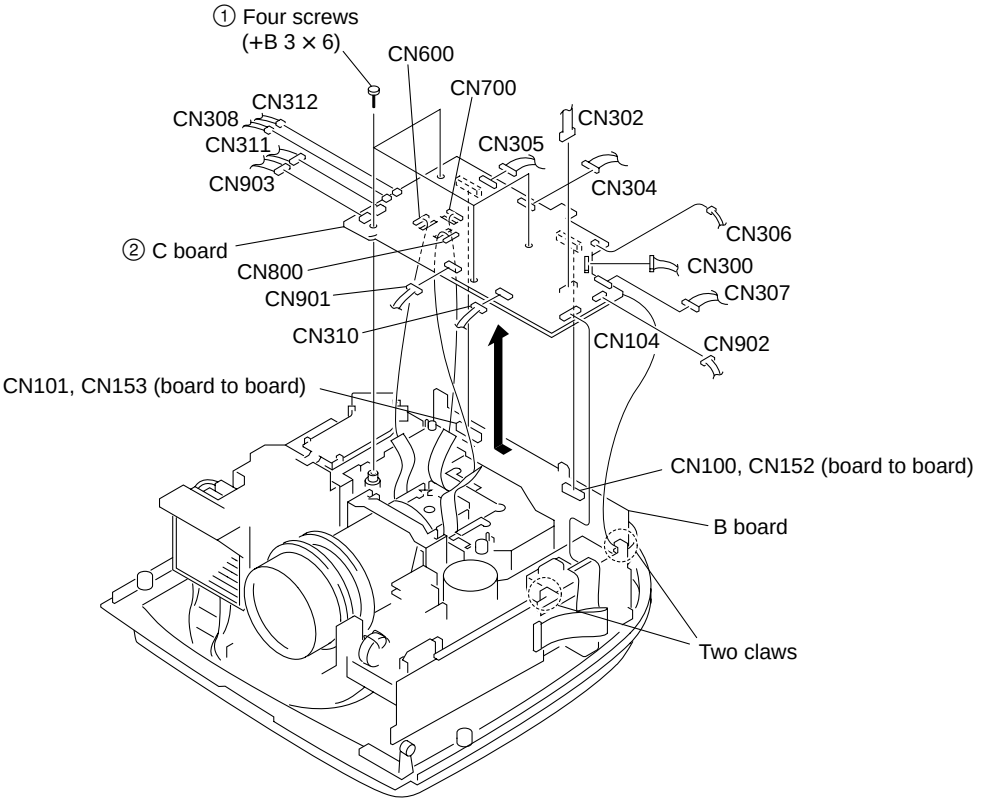
1-3-3. HC, NF and D.C. Fan

• Remove the front panel assembly. (Refer to 1-3-2.)



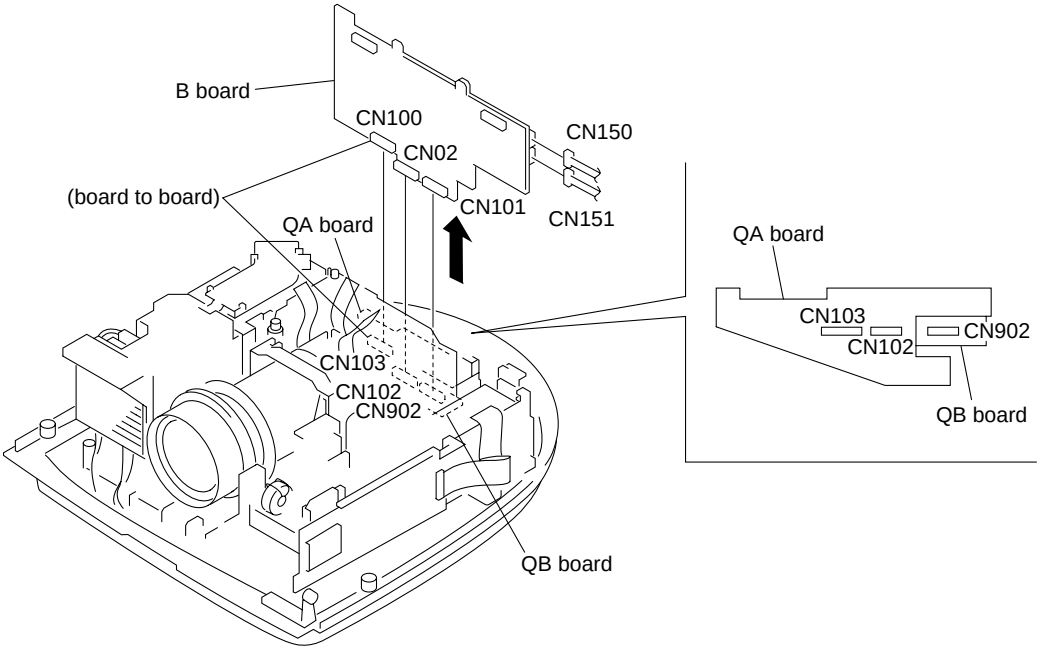
1-3-4. C Board

• Remove the front panel assembly and side cover assembly. (Refer to 1-3-1.)



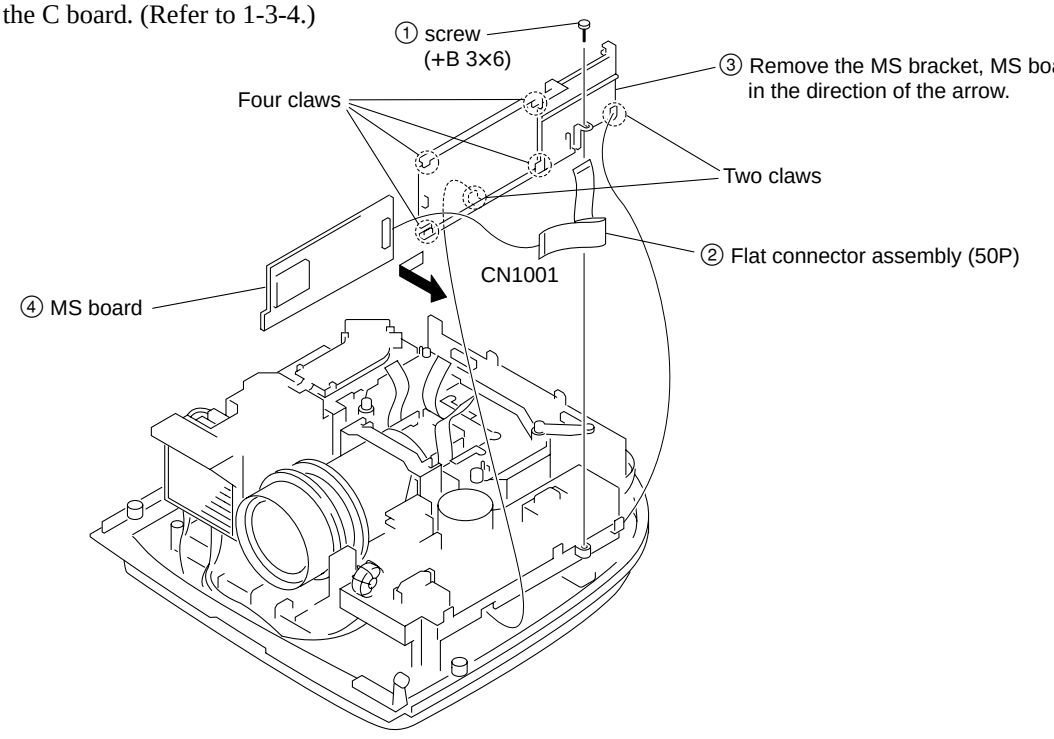
1-3-5. B Board

• Remove the front panel assembly and side cover assembly. (Refer to 1-3-1.)
• Remove the C board. (Refer to 1-3-4.)



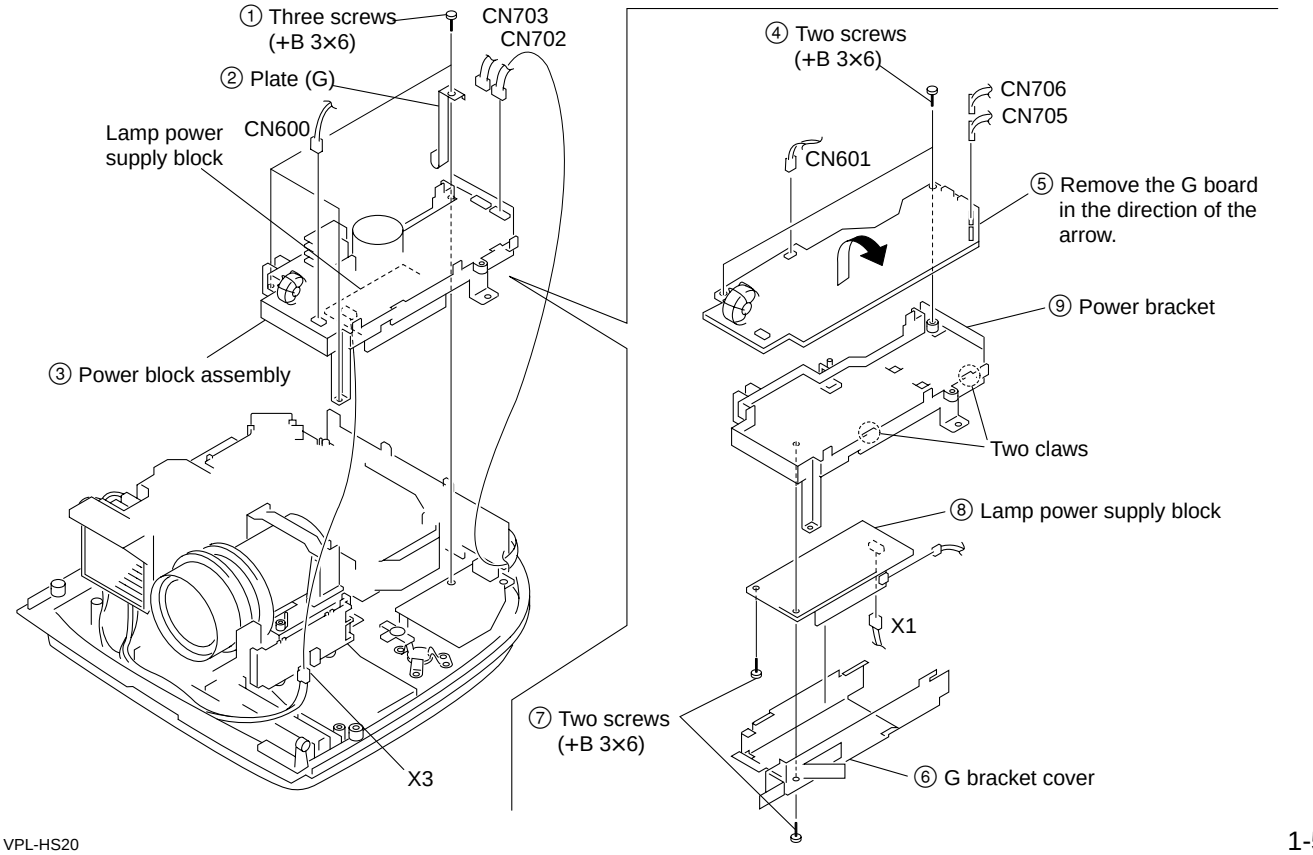
1-3-6. MS Board

• Remove the C board. (Refer to 1-3-4.)



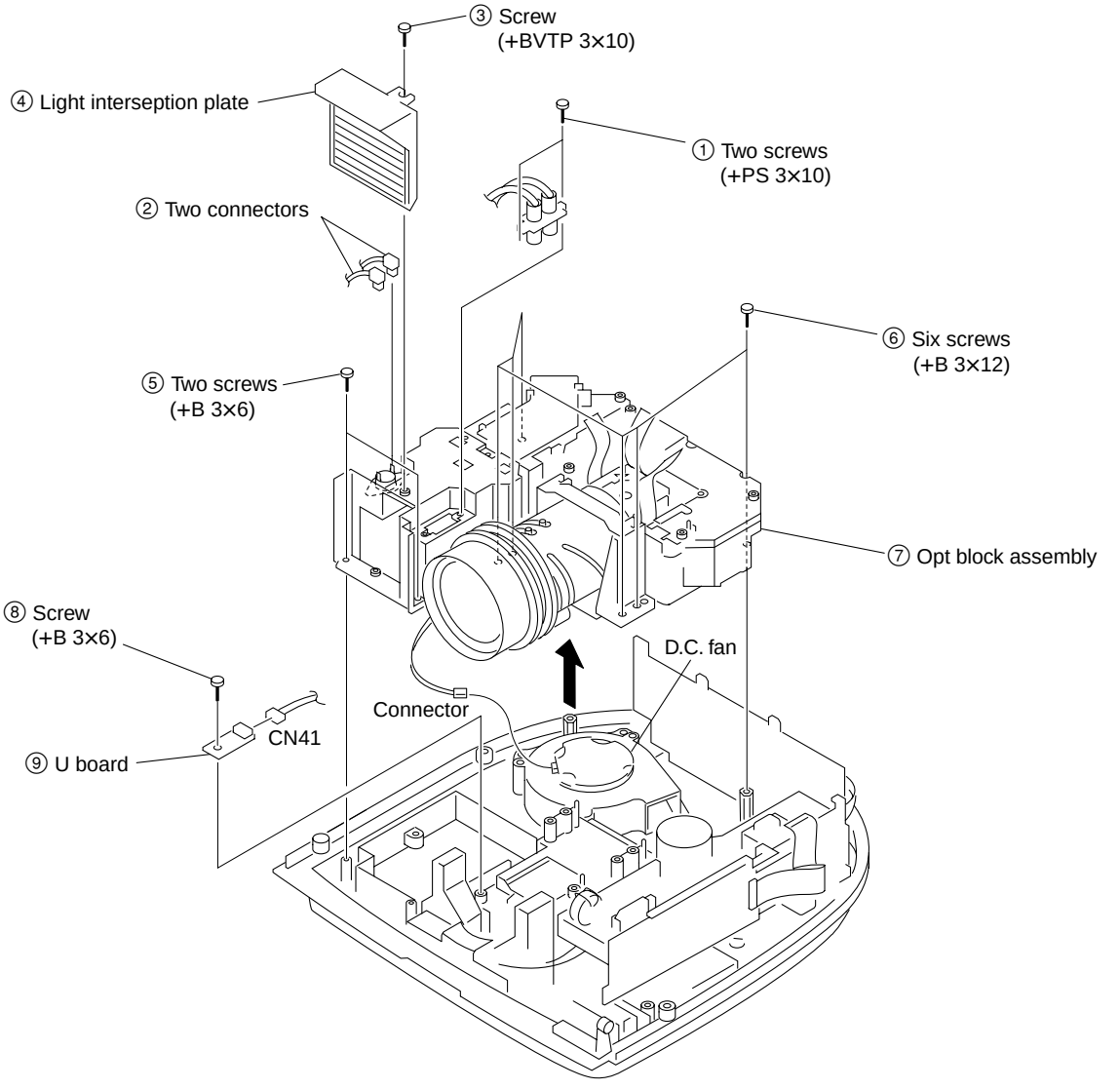
1-3-7. G Board and Lamp Power Supply Block

• Remove the C board. (Refer to 1-3-4.)
• Remove the MS board. (Refer to 1-3-6.)



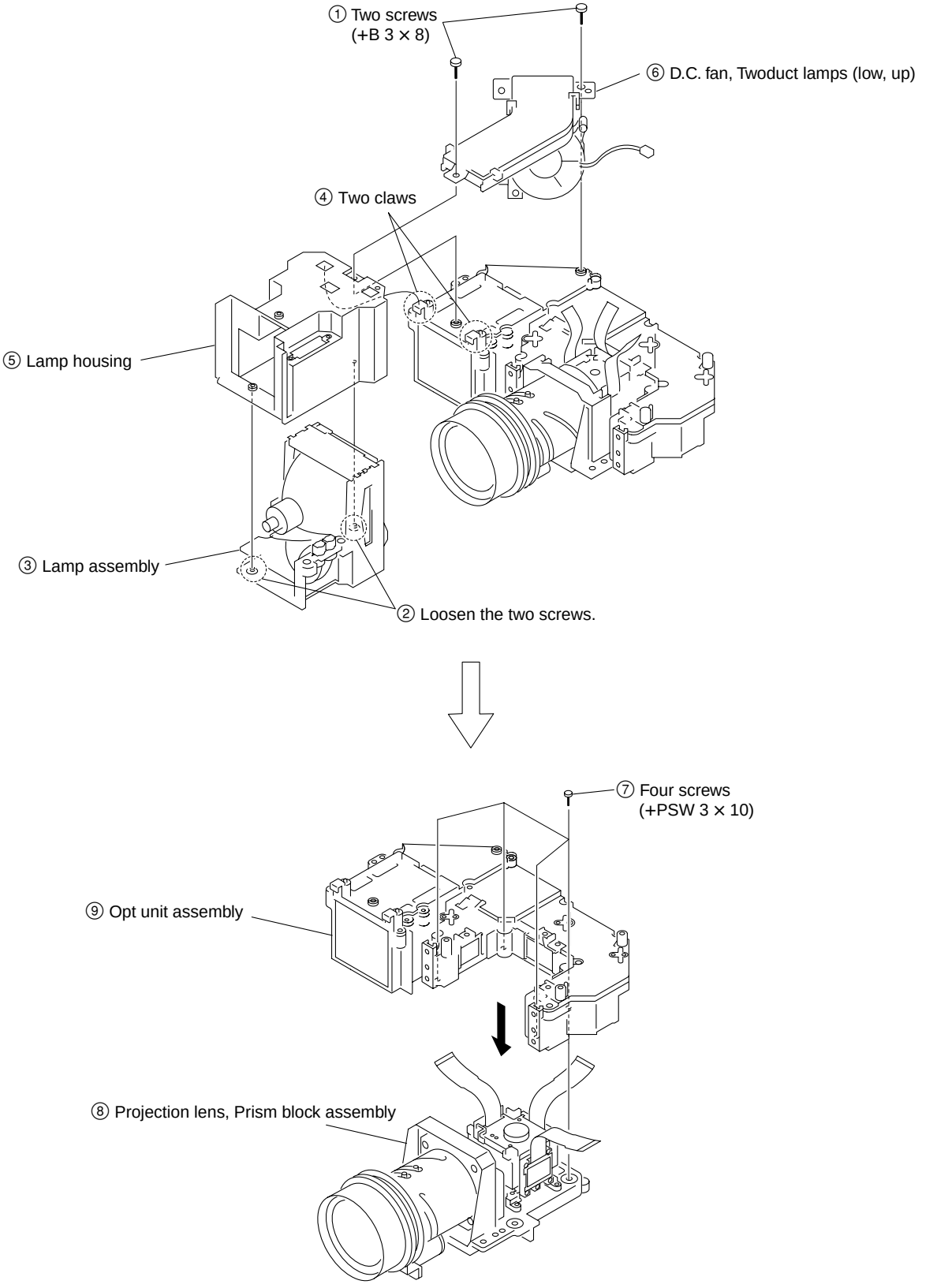
1-3-8. OPT Block Assembly and U Board

• Remove the C board. (Refer to 1-3-4.)



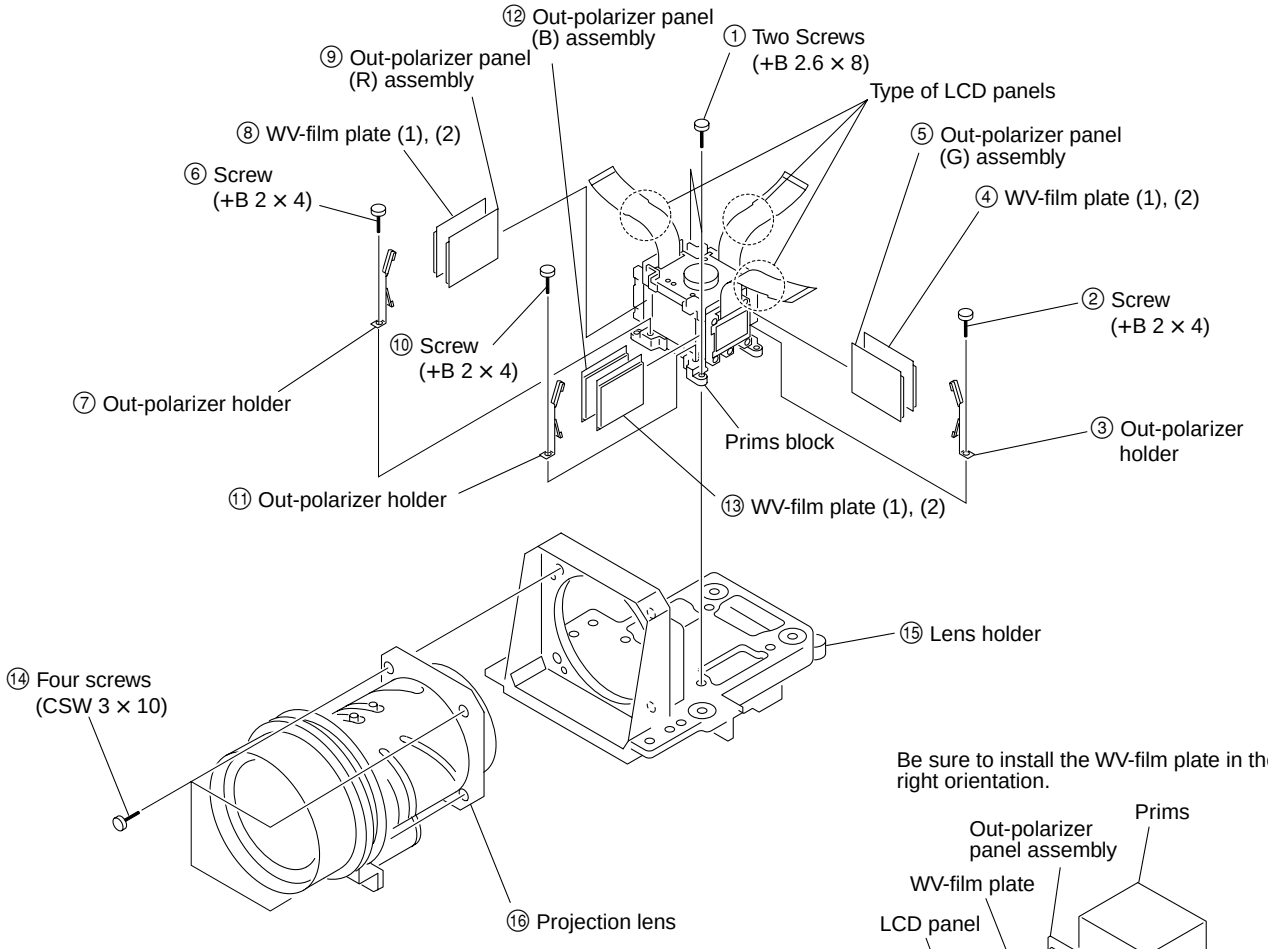
1-3-9. Opt Unit Assembly and Projection Lens, Prism Block Assembly

- Remove the C board. (Refer to 1-3-4.)
- Remove the opt block assembly. (Refer to 1-3-8.)

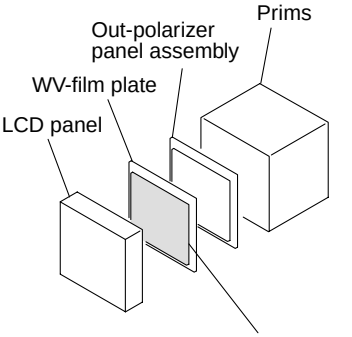

① Two screws
(+B 3 × 8)
⑥ D.C. fan, Twoduct lamps (low, up)
④ Two claws
⑤ Lamp housing
③ Lamp assembly
② Loosen the two screws.
⑦ Four screws
(+PSW 3 × 10)
⑨ Opt unit assembly
⑧ Projection lens, Prism block assembly

1-3-10. Projection Lens and WV-Film Plate (1), (2)

- Remove the C board. (Refer to 1-3-4.)
- Remove the opt block assembly. (Refer to 1-3-8.)
- Remove the projection lens, prism block assembly. (Refer to 1-3-9.)


⑫ Out-polarizer panel (B) assembly
① Two Screws (+B 2.6 × 8)
⑨ Out-polarizer panel (R) assembly
Type of LCD panels
⑧ WV-film plate (1), (2)
⑤ Out-polarizer panel (G) assembly
⑥ Screw (+B 2 × 4)
④ WV-film plate (1), (2)
② Screw (+B 2 × 4)
⑩ Screw (+B 2 × 4)
⑦ Out-polarizer holder
Prims block
③ Out-polarizer holder
⑪ Out-polarizer holder
⑬ WV-film plate (1), (2)
⑮ Lens holder
⑭ Four screws (CSW 3 × 10)
⑯ Projection lens

Be sure to install the WV-film plate in the right orientation.



• Precautions when replacing the WV-film plate

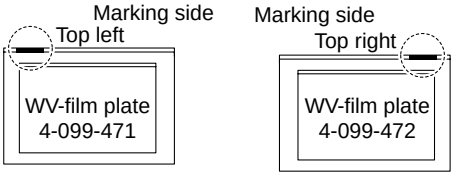
The WV-film plate to be used varies depending on the type of LCD panels and the respective R/G/B channels. Use the part specified respectively.

LCD Panel Combination 1	R-ch	G-ch	B-ch
Type of LCD panels	LCX043ASB	LCX043ARB	LCX043ASB
WV-film plate	WV-film plate (1) 4-099-471-01	WV-film plate (2) 4-099-472-11	WV-film plate (1) 4-099-471-21

LCD Panel Combination 2	R-ch	G-ch	B-ch
Type of LCD panels	LCX043ARB	LCX043ASB	LCX043ARB
WV-film plate	WV-film plate (2) 4-099-472-01	WV-film plate (1) 4-099-471-11	WV-film plate (2) 4-099-472-21

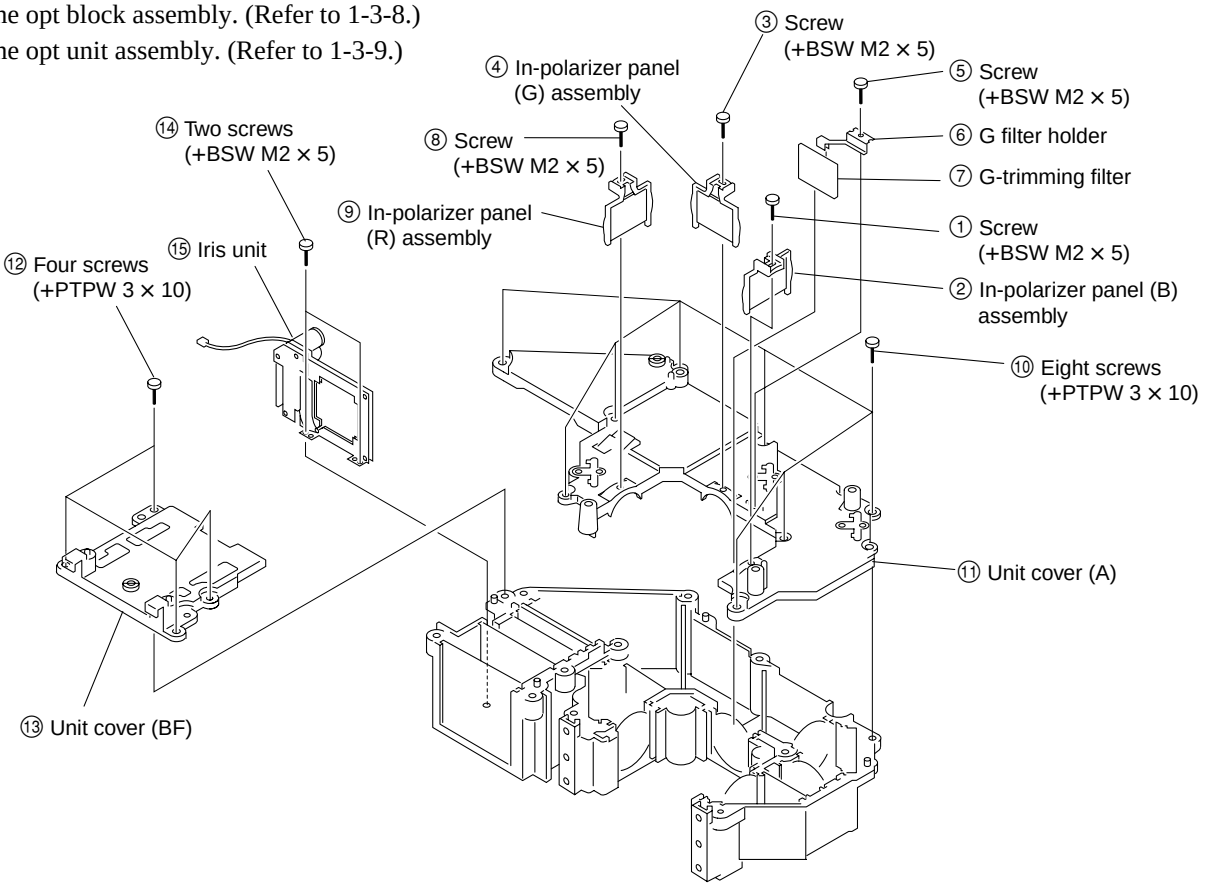
Note: Use the panel in above described combination

Precautions when replacing the WV-film plate (1)

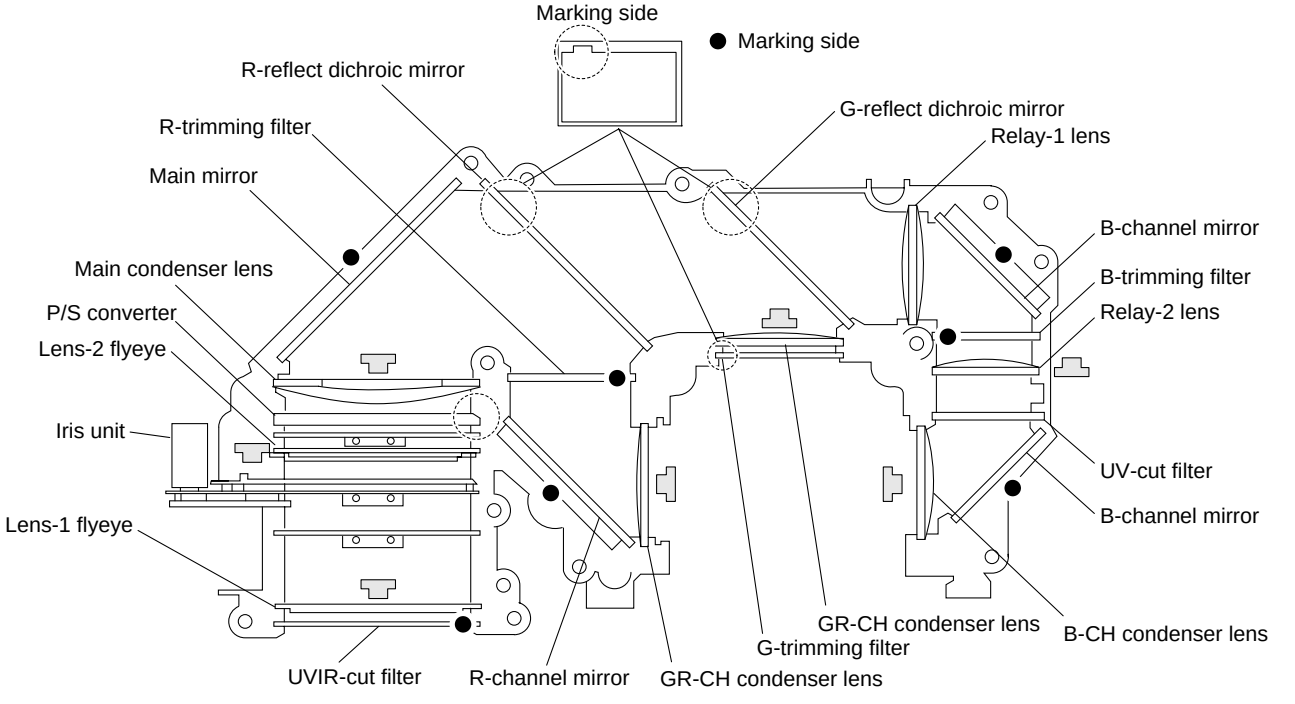


1-3-11. Iris Unit and In-Polarizer panel (R), (G), (B) assembly

- Remove the C board. (Refer to 1-3-4.)
- Remove the opt block assembly. (Refer to 1-3-8.)
- Remove the opt unit assembly. (Refer to 1-3-9.)


③ Screw (+BSW M2 × 5)
④ In-polarizer panel (G) assembly
⑤ Screw (+BSW M2 × 5)
⑭ Two screws (+BSW M2 × 5)
⑧ Screw (+BSW M2 × 5)
⑥ G filter holder
⑦ G-trimming filter
⑨ In-polarizer panel (R) assembly
① Screw (+BSW M2 × 5)
⑮ Iris unit
⑫ Four screws (+PTPW 3 × 10)
② In-polarizer panel (B) assembly
⑩ Eight screws (+PTPW 3 × 10)
⑪ Unit cover (A)
⑬ Unit cover (BF)

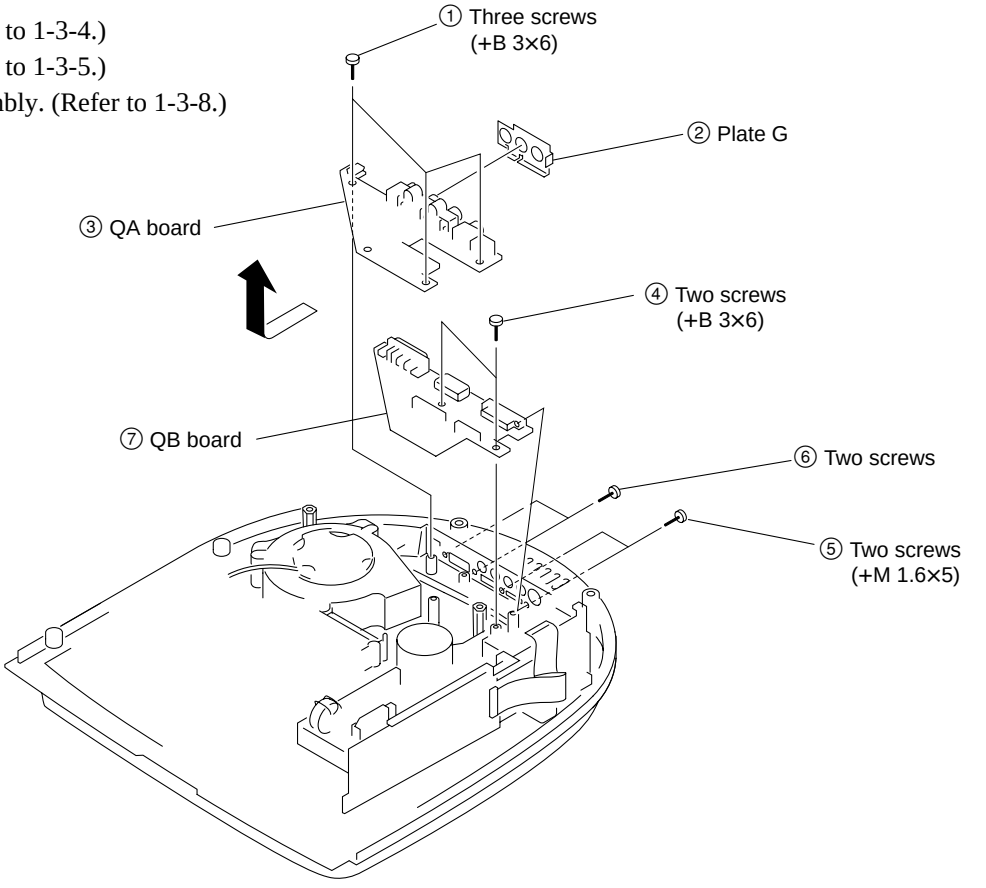
1-3-12. Each Part Direction of Opt Unit Assembly



Note: Marked with ⏍ indicates as shown below. Projection side ⇦ ⏍ ⇨ Flat side

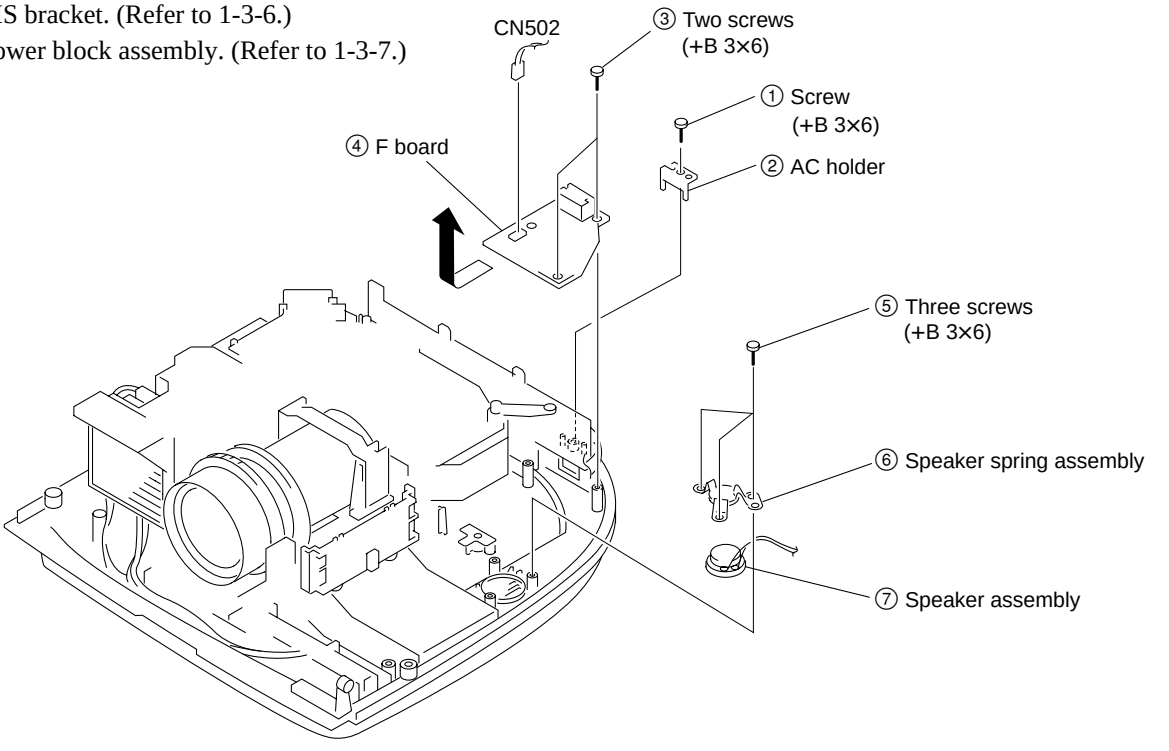
1-3-13. QA, QB Boards

- Remove the C board. (Refer to 1-3-4.)
- Remove the B board. (Refer to 1-3-5.)
- Remove the opt block assembly. (Refer to 1-3-8.)

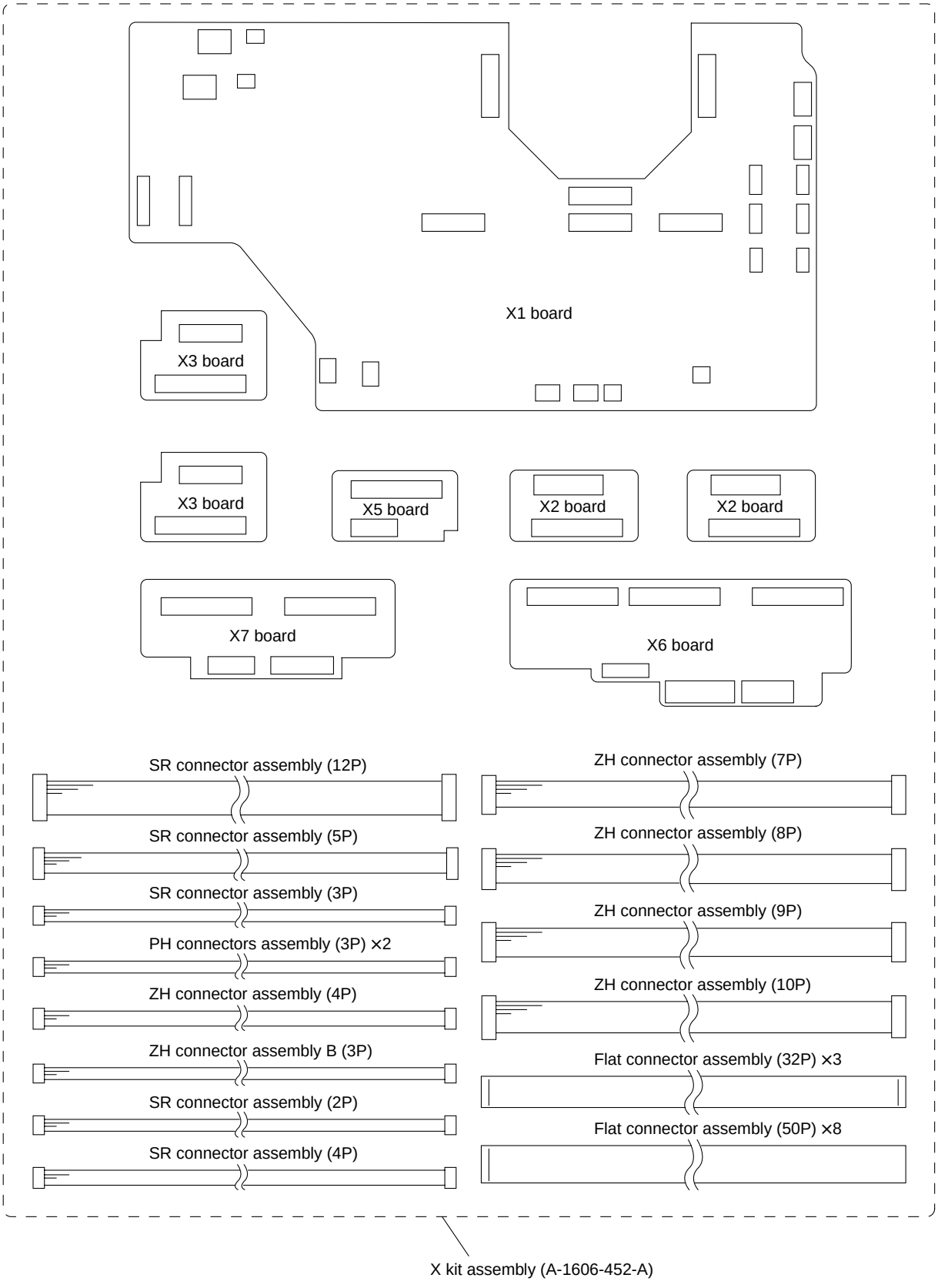


1-3-14. F Board and Speaker Assembly

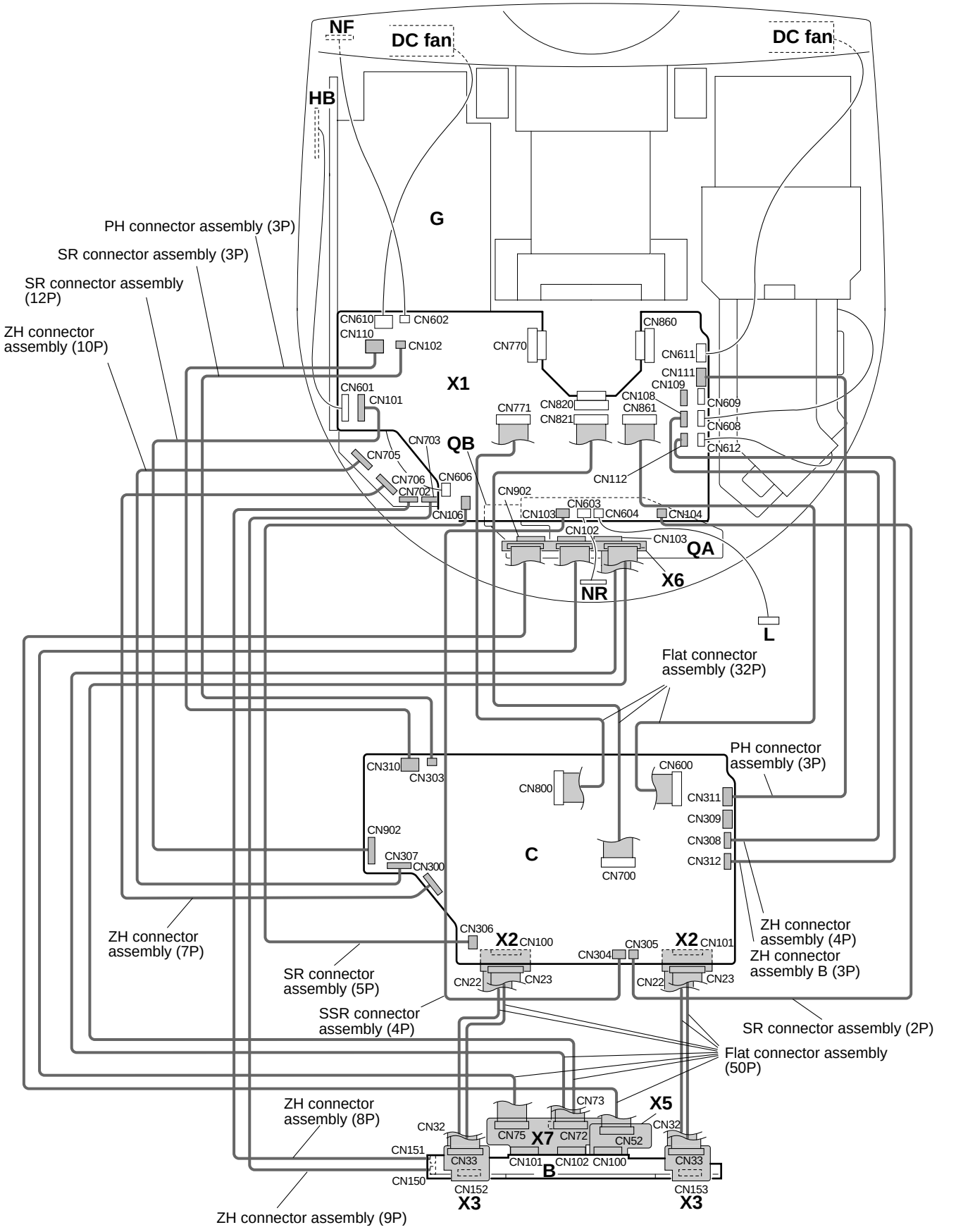
- Remove the C board. (Refer to 1-3-4.)
- Remove the MS bracket. (Refer to 1-3-6.)
- Remove the power block assembly. (Refer to 1-3-7.)



1-3-15. Extension Board and Extension Connectors

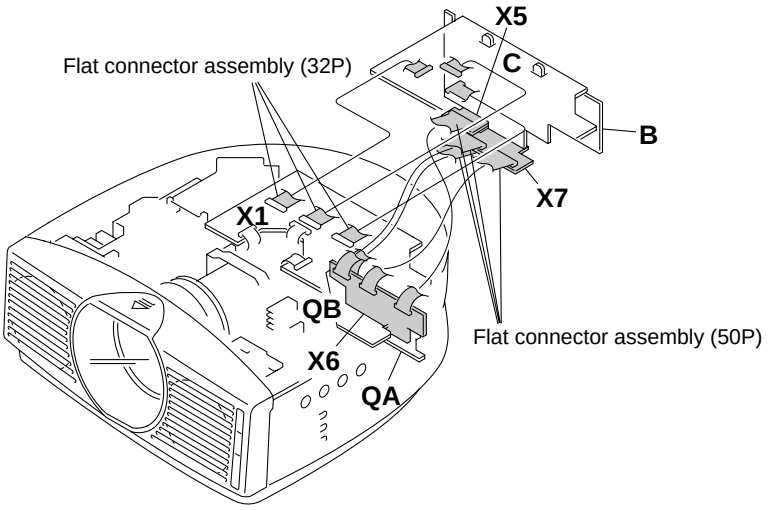


1-3-16. Extension Board and Extension Connectors Connection

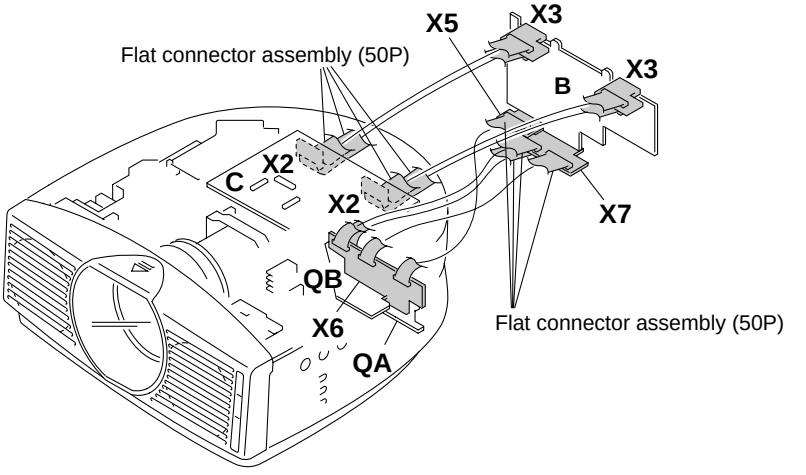


1-3-17. Connection Example

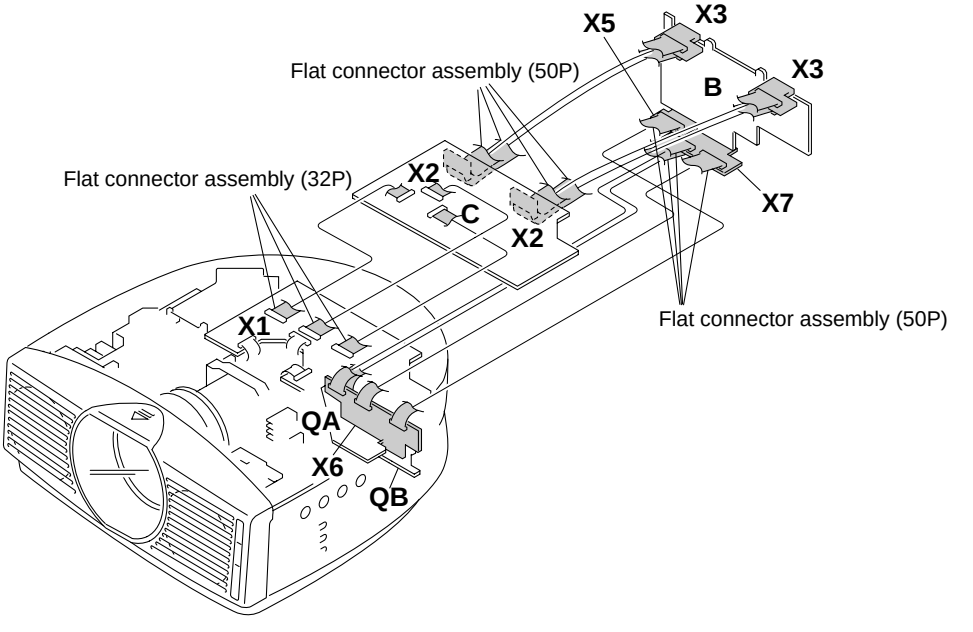
For C Board



For B Board



For C, B Boards



1-4. Service Knowhow

1-4-1. After Replacing the Prism Block

1. Perform Section “2-2. V COM Adjustment.”
2. Perform the Look Up Table or 3D GAMMA data writing of the Prism Block.
3. Perform Section “2-4. White Balance Adjustment on Servicing.”

1-4-2. After Replacing the Board

- Refer to the cross table shown on right.
- There are no need to perform the adjustment when the board other than the B board or C board had been replaced.

1) When Replacing the B Board

When the data before replacement can be read properly

1. Make a note of the data before replacement. After replacement, write the data into the new board with service mode.
2. If the white balance is extremely deteriorated, perform the white balance adjustment (Refer to Section 2-4.).

When the data before replacement cannot be read

1. Perform Section “2-2. V COM Adjustment.”
2. Perform Section “2-4. White Balance Adjustment on Servicing.”
3. Perform Section “2-5. Tilt Adjustment.”

2) When Replacing the C Board

1. Before replacement, unsolder the IC705 from the replaced C board and then mount it to the new board.
2. Perform Section “2-2. V COM Adjustment.”
3. If the white balance is extremely deteriorated, perform the white balance adjustment (Refer to Section 2-4.).
4. Perform Section “2-5. Tilt Adjustment.”

3) When Replacing the Other Board

There are no need to perform the adjustment.

Cross Table of Board Replacement

Device Name	Item Name	Board Name	
		B	C
OTHER	TILT C0	✻	○
	TILT C1	✻	○
	TILT C2	✻	○
P.DRV	VCOM (R)	✻	○
	VCOM (G)	✻	○
	VCOM (B)	✻	○
	W/B ADJUST		
INPUT-A HIGH	GAIN R	✻	○
	GAIN G	✻	○
	GAIN B	✻	○
	BIAS R	✻	○
	BIAS G	✻	○
	BIAS B	✻	○
INPUT-A LOW	GAIN R	✻	○
	GAIN G	✻	○
	GAIN B	✻	○
	BIAS R	✻	○
	BIAS G	✻	○
	BIAS B	✻	○
INPUT-A HIGH	GAIN R	✻	○
	GAIN G	✻	○
	GAIN B	✻	○
	BIAS R	✻	○
	BIAS G	✻	○
	BIAS B	✻	○
INPUT-A MID	GAIN R	✻	○
	GAIN G	✻	○
	GAIN B	✻	○
	BIAS R	✻	○
	BIAS G	✻	○
	BIAS B	✻	○
VIDEO MID	GAIN R	✻	○
	GAIN G	✻	○
	GAIN B	✻	○
	BIAS R	✻	○
	BIAS G	✻	○
	BIAS B	✻	○
VIDEO LOW	GAIN R	✻	○
	GAIN G	✻	○
	GAIN B	✻	○
	BIAS R	✻	○
	BIAS G	✻	○
	BIAS B	✻	○

✻ : When down the data before replacement, and then write in the data after the board replacement.
○ : Need adjustment
Value : See description.

1-5. Memory

Memory structure consists of the following five memory blocks.

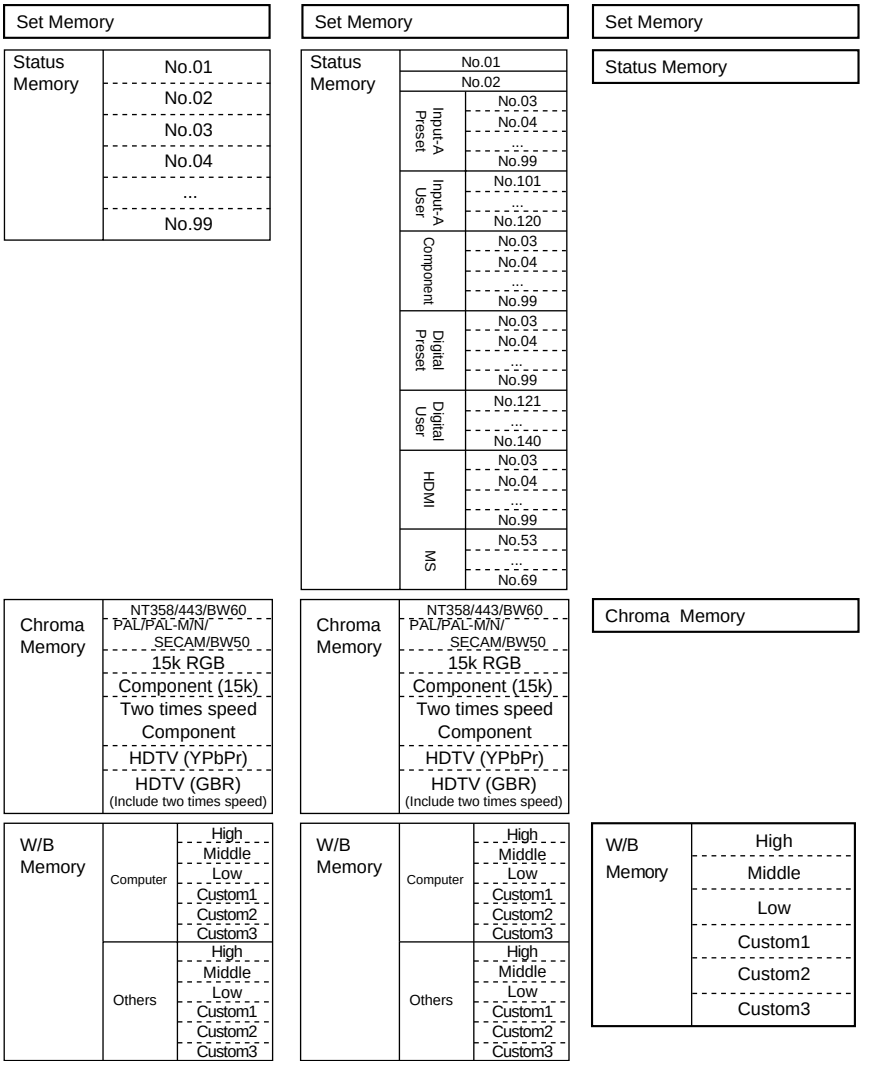
1. Set memory
2. Status memory
3. Chroma memory
4. W/B memory
5. Channel memory
6. Image Flip memory
7. Picture memory

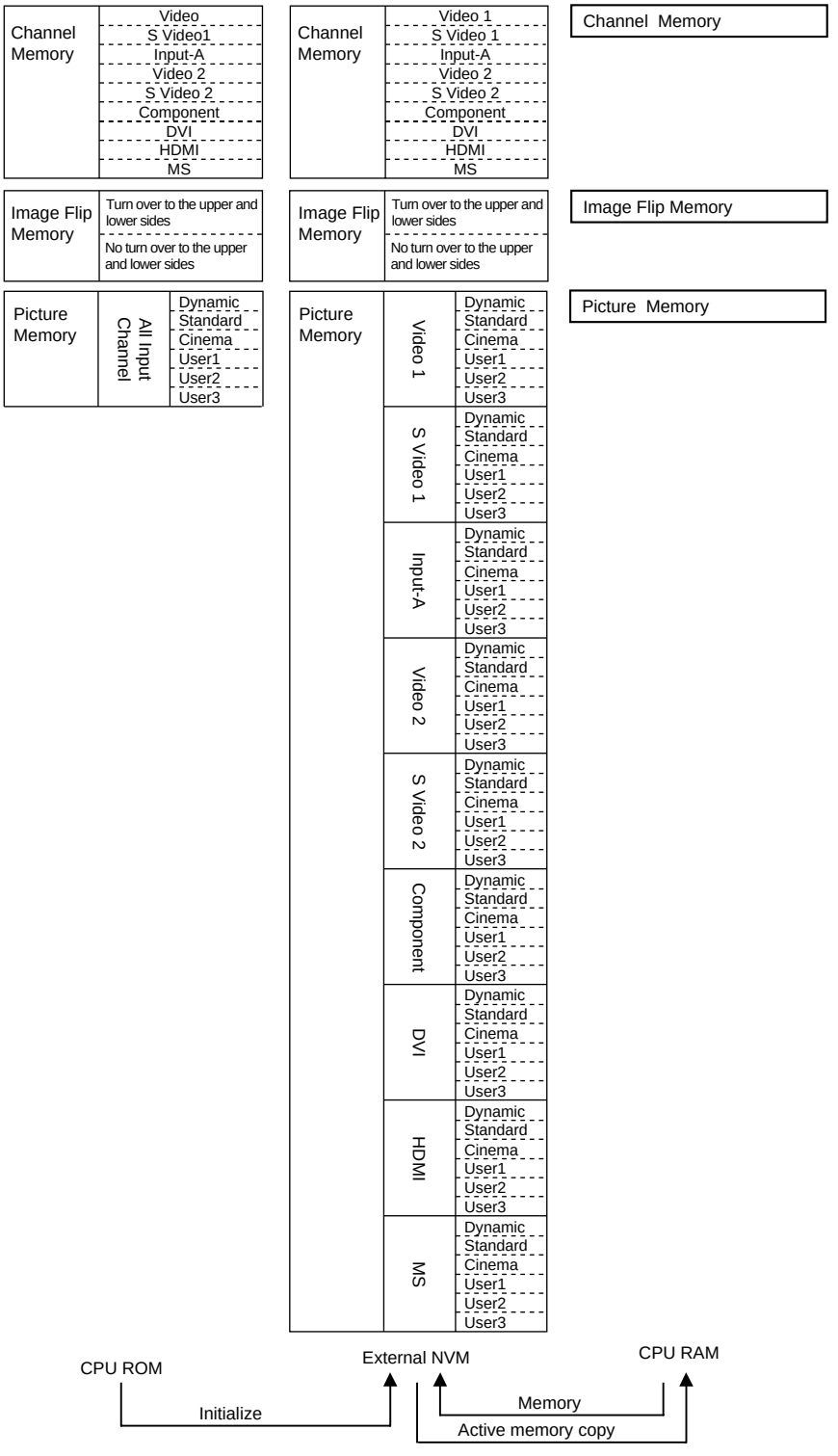
CPU internal ROM : 384 kbyte Flash Memory
CPU internal ROM : 30 kbyte
External NVM memory : 16 kbyte EEPROM

Gamma memory is actualized through Gamma mode functions' offsetting the output values to the Contrast and Brightness devices.

When the power plug is connected to the power line (Standby status), all data inside the internal ROM are written into the NVM (Nonvolatile Memory). When the power is turned to on, required data for the current picture, such as status memory data, etc., are selected, and they are written into the internal RAM.

When adjustment is carried out, adjustment data are written into the NVM automatically (items on the user mode) or by the trigger of memory operation (items on the service mode and special service mode), then stored them. Adjustable items (W/B and Device Adjust) of the service mode and special service mode are memorized into the NVM by the memory operation. At the same time, the factory preset (adjusted) data are all eliminated from the memory.




Channel Memory
Video
S Video1
Input-A
Video 2
S Video 2
Component
DVI
HDMI
MS
Channel Memory
Video 1
S Video 1
Input-A
Video 2
S Video 2
Component
DVI
HDMI
MS
Channel Memory
Image Flip Memory
Turn over to the upper and lower sides
No turn over to the upper and lower sides
Image Flip Memory
Turn over to the upper and lower sides
No turn over to the upper and lower sides
Image Flip Memory
Picture Memory
All Input Channel
Dynamic
Standard
Cinema
User1
User2
User3
Picture Memory
Picture Memory
Video 1
S Video 1
Input-A
Video 2
S Video 2
Component
DVI
HDMI
MS
Dynamic
Standard
Cinema
User1
User2
User3
Picture Memory
CPU ROM
External NVM
CPU RAM
Initialize
Memory
Active memory copy

1-6. Warning on Power Connection

Use a propre power cord for your local power supply.

	The United States, Canada	Continental Europe	UK	Australia	Japan
Plug type	YP-11	YP-21	SP-61	B8	YP-13
Female end	YC-13L	YC-13L	YC-13L	C7-2	YC-13L
Cord type	SPT-2	H03VVH2-F	H03VVH2-F	H03VVH2-F	VCTFK
Rated Voltage & Current	10 A/125 V	2.5 A/250 V	2.5 A/250 V	2.5 A/250 V	7 A/250 V
Safety approval	UL/CSA	VDE	BS	SAA	DENANHO
Cord length (max.)	4.5 m	–	–	–	–

Section 2
Electrical Adjustments

2-1. Preparations

2-1-1. Equipment Required

- Oscilloscope
  Tektronix 2465 or equivalent
  (bandwidth: 350 MHz or more)
- NTSC, PAL, SECAM component signal generator
  Tektronix TG2000 + AVG1 (optional module) + AWVG1 (optional module) or equivalent
- VG (Programmable video signal generator)
  VG854 or equivalent
- Digital voltmeter
  Advantest TR6845 or equivalent
- Luminance meter
- Chrominance difference gauge

Note

Perform the following adjustments at least 5 minutes after turning on the power.

2-1-2. Factory Mode Setting

1. Make sure that the MENU is indicated.
2. Exit the menu.
3. Press the keys in the following order:
   "ENTER" → "ENTER" → "LEFT" → "ENTER"
4. The message "Do you wish to enter into the FACTORY MODE? Yes:↑ No:↓ " will be displayed.
5. Select "Yes:↑".

Note

- When leaving the FACTORY MODE, perform item 3. "Do you wish to return to the USER MODE? Yes:↑ No:↓ " will be displayed. Select "Yes:↑".
- Cannot enter FACTORY MODE by MS channel.

2-2. V COM Adjustment

1. Input the green-only XGA 1 Lime ON/OFF signal to INPUT-A, and set the CONTRAST to 70.
2. Set the screen to G VCOM adjustment of "Device Adjust."
3. Adjust the G VCOM so that the flicker on the screen is minimum.
4. Change the input signal to the red-only and blue-only 1 line ON/OFF signal respectively and adjust R VCOM and B VCOM respectively so that the flicker becomes minimum as described in step 3.
5. Save the value adjusted.
6. Set the "Image Flip" to either "V" or "HV".
7. Input the R/G/B value adjusted as above step 5.
8. Save the value adjusted.
9. Set the "Image Flip" to "OFF".

2-3. Adjustment Item Initialize Data

MenuTitle	ItemName	Memory Name							
		Set Memory	Status Memory	Picture Memory					
				All Input Ch.					
				Dynamic	Standard	Cinema	User1	User2	User3
PICTURE SETTING	Picture Mode		✻						
	Adjust Picture...								
	Contrast			80	80	80	80	80	80
	Brightness			55	50	50	50	50	50
	Color			60	50	50	50	50	50
	Hue			50	50	50	50	50	50
	Sharpness			50	50	50	50	50	50
	Black Level Adj.			Low	Off	Off	Off	Off	Off
	Gamma Correction			Off	Off	Off	Off	Off	Off
	Color Temp.			Middle	Middle	Low	Middle	Middle	Middle
	Custom1...								
	Gain R	0							
	G	0							
	B	0							
	Bias R	0							
	G	0							
	B	0							
	Custom2...								
	Gain R	0							
	G	0							
	B	0							
	Bias R	0							
	G	0							
	B	0							
	Custom3...								
	Gain R	0							
	G	0							
	B	0							
	Bias R	0							
	G	0							
	B	0							
	I/P Mode(Video/15K)			DDE Film	DDE Film	DDE Film	DDE Film	DDE Film	DDE Film
	I/P Mode(1080i)			DDE Film	DDE Film	DDE Film	DDE Film	DDE Film	DDE Film
	Cinema Black Pro...								
	Iris Control			Off	Off	On	Off	Off	Off
	Lamp Control			High	Low	Low	Low	Low	Low
	Volume	30							
INPUT SETTING	Adjust Signal...								
	Dot Phase		15 (✻)						
	H Size		✻						
	Shift		✻						
	Wide Mode			Full	Full	Full	Full	Full	Full
	V Position(Zoom)			4	4	4	4	4	4
	V Position(Sub Title)			4	4	4	4	4	4
	Title Area			0	0	0	0	0	0
SET SETTING	Smart APA	On							
	Auto Input Search	On							
	Input-A Signal Sel.	Component							
	DVI Signal Sel.	Video GBR							
	Color System	Auto							
	Power Saving	Off							
	Illumination	On							

✻ : “Dot Phase, H Size, Shift H/V and Picture Mode” in the “INPUT SETTING” menu have an initial value respectively in accordance with the input signal (PRESET MEMORY No.).

Note : There are nonadjustable items in accordance with the input signal.

Memory Name													Remarks
	W/B Memory												
	Computer						Others						
	High	Middle	Low	Custom1	Custom2	Custom3	High	Middle	Low	Custom1	Custom2	Custom3	

MenuTitle	ItemName	Memory Name								
		Set Memory	Status Memory	Picture Memory						
				All Input Ch.						
				Dynamic	Standard	Cinema	User1	User2	User3	
MENU SETTING	Status	On								
	Languege	English								
	Menu Position	Center								
	Menu Color	Black								
INSTALL SETTING	V Keystone	Manual								
	Manual...	0								
	Side Shot	Off								
	Image Flip	Off								
	Background	Blue								
	Test Pattern	On								
	High Altitude Mode	Off								
INFORMATION	fH	Indication only								
	fV	Indication only								
	(Memory No.)	Indication only								
	(Resolution)	Indication only								
	Lamp Timer	Indication only								
	ROM Version	Indication only								
	SC ROM Version	Indication only								
	Operation Timer	Indication only								
	Prev. Lamp Timer	Indication only								
W/B SETTING	Gain R									
	G									
	B									
	Bias R									
	G									
	B									

* : “Dot Phase, H Size, Shift H/V and Picture Mode” in the “INPUT SETTING” menu have an initial value respectively in accordance with the input signal (PRESET MEMORY No.).

Note : There are nonadjustable items in accordance with the input signal.

Memory Name													Remarks
	W/B Memory												
	Computer						Others						
	High	Middle	Low	Custom1	Custom2	Custom3	High	Middle	Low	Custom1	Custom2	Custom3	
	150	150	150	150	150	150	150	150	150	150	150	150	
	140	150	140	140	150	140	140	150	140	140	150	140	
	150	150	140	150	150	140	150	150	140	150	150	140	
	127	127	127	127	127	127	127	127	127	127	127	127	
	127	127	127	127	127	127	127	127	127	127	127	127	
	127	127	127	127	127	127	127	127	127	127	127	127	

DeviceName	ItemName		Memory Name									
			Set Memory	Status Memory	Chroma Memory							
					NT358/NT443 /BW60	Pal/Pal-M/N/ Secam/BW50	15kRGB	Component (15k)	Two times speed Component	HDTV (YPbPr)	HDTV(GBR) Include two times speed	
A/D Converter	ADC/	Clamp Position		∗2								
		Clamp Width		∗2								
		R Gain(Other)										
		R Gain(Component)										
		R Gain(VideoGBR)										
		G Gain(Other)										
		G Gain(Component)										
		G Gain(VideoGBR)										
		B Gain(Other)										
		B Gain(Component)										
		B Gain(VideoGBR)										
		R Offset(Other)										
		R Offset(Component)										
		R Offset(VideoGBR)										
		G Offset(Other)										
		G Offset(Component)										
		G Offset(VideoGBR)										
		B Offset(Other)										
		B Offset(Component)										
		B Offset(VideoGBR)										
		Sync Sep Th	32									
		Pre Coast		2								
		Post Coast		8								
		Bandwidth		3								
Chroma/D.Comb	Chroma/	Ch1 Gain(NTSC3.58)										
		Ch1 Gain(Other)										
		Ch2 Gain(NTSC3.58)										
		Ch2 Gain(Other)										
		Video Sharp			0	0	–	–	–	–	–	
		Video Brt			134	133	–	–	–	–	–	
		Video Cont			72	81	–	–	–	–	–	
		Video Color			64	64	–	–	–	–	–	
		Video Hue			0	0	–	–	–	–	–	
		LCBW										
		Y-DeLay	∗1									
		HODG			2	2	2	2	–	–	–	
		VEDG			2	2	2	2	–	–	–	
		MEDG			2	2	2	2	–	–	–	
		VEDT			1	1	1	1	–	–	–	
		Ch3 Gain(NTSC3.58)										
		Ch3 Gain(Other)										
		Ch4 Gain(NTSC3.58)										
		Ch4 Gain(Other)										
		YUV Sharp	0									
		YUV Brt			–	–	133	133	–	–	–	
		YUV Cont			–	–	81	81	–	–	–	
		YUV Color			–	–	64	64	–	–	–	
		Luma COR			0	0	0	0	–	–	–	
		Luma F0			0	0	0	0	–	–	–	
		Luma SHP			0	0	0	0	–	–	–	
		Chm COR			0	0	0	0	–	–	–	
		Chm F0			0	0	0	0	–	–	–	
		Chm SHP			0	0	0	0	–	–	–	
		AOSL	–									
		Status 1	Indication only									
		Status 2	Indication only									

Note : There are nonadjustable items in accordance with the input signal.

∗1 : Depends on the color system and the input terminal.

∗2 : Depend on the input signal.

Memory Name												Remarks
	Channel Memory									Image Flip Memory		
	Video 1	S Video 1	Input-A	Video 2	S Video 2	Component	DVI	HDMI	MS	Turn over to the upper and lower sides	No turn over to the upper and lower sides	
	–	–	100	–	–	–	–	–	–			
	–	–	80	–	–	80	–	–	–			
	–	–	100	–	–	–	–	–	–			
	–	–	100	–	–	–	–	–	–			
	–	–	80	–	–	80	–	–	–			
	–	–	100	–	–	–	–	–	–			
	–	–	100	–	–	–	–	–	–			
	–	–	80	–	–	80	–	–	–			
	–	–	100	–	–	–	–	–	–			
	–	–	100	–	–	–	–	–	–			
	–	–	128	–	–	128	–	–	–			
	–	–	100	–	–	–	–	–	–			
	–	–	100	–	–	–	–	–	–			
	–	–	100	–	–	100	–	–	–			
	–	–	100	–	–	–	–	–	–			
	–	–	100	–	–	–	–	–	–			
	–	–	128	–	–	128	–	–	–			
	–	–	100	–	–	–	–	–	–			
	45	45	–	45	45	–	–	–	–			
	33	33	31	33	33	31	–	–	–			
	31	31	–	31	31	–	–	–	–			
	31	31	40	31	31	40	–	–	–			
	6	6	6	6	6	6	–	–	–			
	31	31	–	31	31	–	–	–	–			
	31	31	40	31	31	40	–	–	–			
	31	31	–	31	31	–	–	–	–			
	31	31	40	31	31	40	–	–	–			

DeviceName	ItemName		Memory Name									
			Set Memory	Status Memory	Chroma Memory							
					NT358/NT443 /BW60	Pal/Pal-M/N/ Secam/BW50	15kRGB	Component (15k)	Two times speed Component	HDTV (YPbPr)	HDTV(GBR) Include two times speed	
Panel Driver	P.Drv	Offset R										
		Offset G										
		Offset B										
		V Common R										
		V Common G										
		V Common B										
		Psig 1 R	3									
		Psig 1 G	3									
		Psig 1 B	3									
		Psig 2 R	89									
		Psig 2 G	90									
		Psig 2 B	89									
		Signal Center R	31									
		Signal Center G	31									
		Signal Center B	31									
		Gain R	158									
		Gain G	158									
		Gain B	158									
	SH/	SH1	47									
	Other/	V Com Ptn Enb	Adjustment is impossible									
		Installation	Adjustment is impossible									
Other	3D Gamma	Through	0									
		SW	1									
	Other/	HST Position	492									
		HST Phase	48									
		HST Width	0									
	Temp/	Thresh Lamp										
		Thresh Panel										
		Thresh Atmos										
	Fan/	Hi Alt Const										
		High Alt Cofe										
	Fan1/	Cont Max										
		Speed Max										
		Speed Min										
		Cont Slope										
	Fan2/	Cont Max										
		Speed Max										
		Speed Min										
		Cont Slope										
	Fan3/	Cont Max										
		Speed Max										
		Speed Min										
		Cont Slope										
	Other/	Synchronous	1									
		Tilt C0	Factory default setting									
		Tilt C1	Factory default setting									
		Tilt C2	Factory default setting									
		X Tilt	Indication only									
		Y Tilt	Indication only									
		TL	Indication only									
		TP	Indication only									
		TA	Indication only									
Gamma			Factory default setting									

Note : There are nonadjustable items in accordance with the input signal.

Memory Name												Remarks
	Channel Memory									Image Flip Memory		
	Video 1	S Video 1	Input-A	Video 2	S Video 2	Component	DVI	HDMI	MS	Turn over to the upper and lower sides	No turn over to the upper and lower sides	
										116	116	
										116	116	
										116	116	
										86	86	
										84	84	
										80	80	
										Adjustment is impossible	Adjustment is impossible	
										Adjustment is impossible	Adjustment is impossible	
										Adjustment is impossible	Adjustment is impossible	
										Adjustment is impossible	Adjustment is impossible	
										Adjustment is impossible	Adjustment is impossible	
										Adjustment is impossible	Adjustment is impossible	
										Adjustment is impossible	Adjustment is impossible	
										Adjustment is impossible	Adjustment is impossible	
										Adjustment is impossible	Adjustment is impossible	
										Adjustment is impossible	Adjustment is impossible	
										Adjustment is impossible	Adjustment is impossible	
										Adjustment is impossible	Adjustment is impossible	
										Adjustment is impossible	Adjustment is impossible	
										Adjustment is impossible	Adjustment is impossible	
										Adjustment is impossible	Adjustment is impossible	
										Adjustment is impossible	Adjustment is impossible	
										Adjustment is impossible	Adjustment is impossible	
										Adjustment is impossible	Adjustment is impossible	
										Adjustment is impossible	Adjustment is impossible	
										Adjustment is impossible	Adjustment is impossible	
										Adjustment is impossible	Adjustment is impossible	

DeviceName	ItemName		Memory Name									
			Set Memory	Status Memory	Chroma Memory							
					NT358/NT443 /BW60	Pal/Pal-M/N/ Secam/BW50	15kRGB	Component (15k)	Two times speed Component	HDTV (YPbPr)	HDTV(GBR) Include two times speed	
IP	Ip/	CTI Tap	3									
		CTI Shift	1									
		CTI Limit	128									
		CTI Gain	20									
		Sharp Limit	255									
		MD Thresh C	8									
		MD Thresh 0	16									
		VS	1									
		Continue	1									
		Edit Detect	0									
		Indicator	0									
		Manual	0									
		Manual Pair	0									
		Manual State	0									
		Field Times	2									
		Noise Thresh	4									
		Disp Area	0									
		VS Limit	64									
		VS Core	4									
		Hysteresis	1									
		Hysteresis Data	2									
		22 Pre Post Rate	15									
		22 Pre Post Thresh	2									
		Film Times 22	3									
		YNR On	0									
		CNR On	0									
	Ip2/	Sudare Rate 32	4									
		Sudare Thresh 32	64									
		Sudare Rate 22	4									
		Sudare Thresh 22	40									
		UV PhaseSel		⁎2								

Note : There are nonadjustable items in accordance with the input signal.

⁎2 : Depend on the input signal.

Memory Name												Remarks
	Channel Memory									Image Flip Memory		
	Video 1	S Video 1	Input-A	Video 2	S Video 2	Component	DVI	HDMI	MS	Turn over to the upper and lower sides	No turn over to the upper and lower sides	

2-4. White Balance Adjustment on Servicing

2-4-1. Computer

Preparation

1. Set the unit from the menu as follows.
   Picture Mode: Cinema
   Adjust Pictture
   Contrast: 80
   Brightness: 50
   Gamma Correction: OFF
   Cinema Black Pro:
   Iris Control: ON
   Lamp Control: Low
2. Set each mode of “Color Temp:” as follows.
   Gain: 150
   Bias: 127
3. Set INPUT-A Signal Sel. to “Computer”.

Adjustment

1. Middle

1. Set “Color Temp:” to Middle.
2. Input WXGA 80IRE Window white (3 colors: RGB) to INPUT-A and adjust the GAIN of G of white balance so that the chromaticity (y80) is within specification.
   x80: 0.294 ± 0.002
   y80: 0.310 ± 0.003
   Then, set the reference color as follows and adjust the GAIN of colors other than the reference color of white balance so that the chromaticity (x80 and y80) is within specification.
   x80 ≧ 0.294: B reference
   y80 < 0.294: R reference
3. Input WXGA 20IRE Window white (3 colors: RGB) to INPUT-A and adjust the BIAS of colors other than G of white balance so that the chromaticity (x20 and y20) is within specification.
   x20: 0.294 ± 0.002
   y20: 0.310 ± 0.003
4. Input WXGA 80IRE Window white (3 colors: RGB) to INPUT-A and adjust the GAIN of colors other than the reference color of white balance so that the chromaticity (x80 and y80) is within specification.
5. Repeat steps 3 and 4, and adjust each GAIN and BIAS of RGB so that x and y are within the following specification.
   x: 0.294 ± 0.002
   y: 0.310 ± 0.003
6. Save the adjustment values.

2. High

1. Set “Color Temp:” to High.
2. Input WXGA 80IRE Window white (3 colors: RGB) to INPUT-A and adjust the GAIN of G of white balance so that the chromaticity (y80) is within specification.
   x80: 0.284 ± 0.002
   y80: 0.298 ± 0.003
   Then, set the reference color as follows and adjust the GAIN of colors other than the reference color of white balance so that the chromaticity (x80 and y80) is within specification.
   x80 ≧ 0.294: B reference
   y80 < 0.294: R reference
3. Input WXGA 20IRE Window white (3 colors: RGB) to INPUT-A and adjust the BIAS of colors other than G of white balance so that the chromaticity (x20 and y20) is within specification.
   x20: 0.294 ± 0.002
   y20: 0.310 ± 0.003
4. Input WXGA 80IRE Window white (3 colors: RGB) to INPUT-A and adjust the GAIN of colors other than the reference color of white balance so that the chromaticity (x80 and y80) is within specification.
5. Repeat steps 3 and 4, and adjust each GAIN and BIAS of RGB so that x and y are within the following specification.
   x: 0.284 ± 0.002
   y: 0.298 ± 0.003
6. Save the adjustment values.

3. Low

1. Set “Color Temp:” to Low.
2. Input WXGA 20IRE Window white (3 colors: RGB) to INPUT-A and adjust the BIAS of colors other than G of white balance so that the chromaticity (x20 and y20) is within specification.
   x20: 0.313 ± 0.002
   y20: 0.329 ± 0.003

3. Input WXGA 80IRE Window white (3 colors: RGB) to INPUT-A and adjust the GAIN of colors other than R of white balance so that the chromaticity (x80 and y80) is within specification.
4. Repeat steps 2 and 3, and adjust each GAIN and BIAS of RGB so that x and y are within the following specification.
   x: 0.313 ±0.002
   y: 0.329 ±0.003
5. Save the adjustment values.

4. Custom1/2/3

1. Copy the values adjusted in “1. Middle”,”2. High” and “3. Low” as follows.
   Custom1: High
   Custom2: Middle
   Custom3: Low
2. Save the adjustment values.

2-4-2. Video

Preparation

1. Set the unit from the menu as follows.

Picture Mode:	Cinema
Adjust Pictture	
Contrast:	80
Brightness:	50
Color:	50
Hue:	50
Sharpness:	50
Black Level Adj.:	OFF
Gamma Correction:	OFF
Cinema Black Pro:	
Iris Control:	ON
Lamp Control:	Low

2. Set each mode of “Color Temp:” as follows.
   Gain: 150
   Bias: 127
3. Set INPUT-A Signal Sel. to “Component” or “Video GBR”.

Adjustment

The adjustment procedures of “1. Middle”, ”2. High” and “3. Low” modes are the same as those in “2-4-1. Computer”.

Notes

- Use the two times speed Component or two times speed VideoGBR signal as the input signal according to step 3 in Preparation.
- Use the reference color of Middle and High same as that in “2-4-1. Computer”.

2-5. Tilt Adjustment

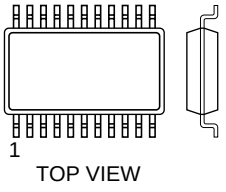
Note

Do not put the unit upward and downward in the vertical direction for more than ten seconds.

1. Set the Factory mode to “Device Adjust/OTHER”.
2. Set the adjuster in contracted position.
3. Then, enter the X TILT value to C0.
4. Set the unit upward in vertically.
5. Then, enter the X TILT value to C1.
6. Set the unit downward in vertically.
7. Then, enter the X TILT value to C2.
8. Save the each values of C0, C1 and C2 described in step3, 5 and 7.

Section 3
Semiconductors

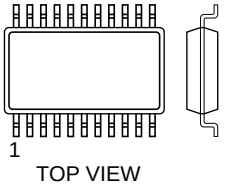
24LC21AT/SN
BR24L02F-WE2
CY25025SZC-1T
HN58X24256FPIZ
MAX1626ESA-TE2
MM1096AFF
MM1228XFBE
NE57814DD.118
ST24FC21M6TR
TA75W393FU
TA75W393FU-TE12R
TC7WH125FK(TE85R)
TL431BCDR2



TOP VIEW

8PIN SOP

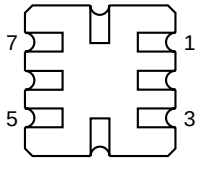
74VHC02MTCX



TOP VIEW

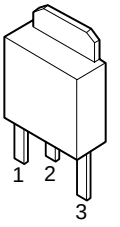
14PIN SOP

ADXL202JE-REEL

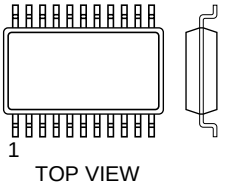


BOTTOM VIEW

AIC117A-PEJTR
AIC117A-18PEJTR
AIC117A-25PEJTR
AIC117A-33PEJTR
AIC117A-50PEJTR



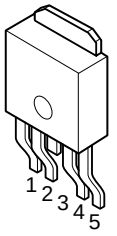
AK4352VT-E2
CY27027ZCT
SN74LV4052APWR
SN74LV4053APWR
TPA2000D1PW



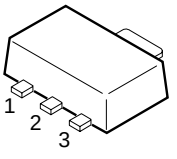
TOP VIEW

16PIN SOP

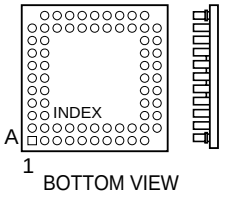
BA00ASFP-E2



BA05FP-E2



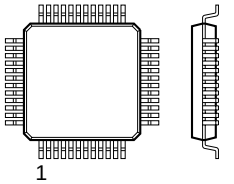
CXD9670GP



BOTTOM VIEW

127PIN BGA

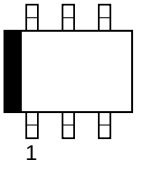
HD64F2376VFQ33V



TOP VIEW

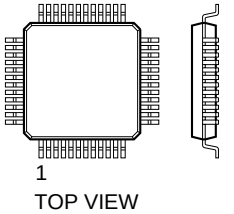
144PIN QFP

IRMF-A0T-QTP
TK11900MTL



TOP VIEW

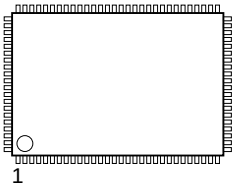
LC4032V-75TN48C-DLY
LC4032V-75TN48C-MTC



TOP VIEW

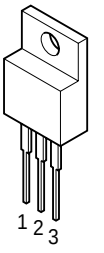
48PIN QFP

K4D263238F-UC50T

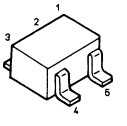


100PIN TQFP

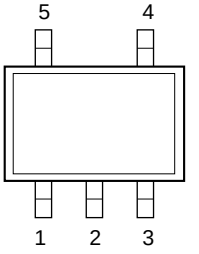
L88M05T-FA-TL
LM1117MPX-1.8
NJM78M09DL1A(TE1)
NJM78M12DL1A-TE1



LMC7101BIM5X
LP2985IM5X-1.8/NOPB



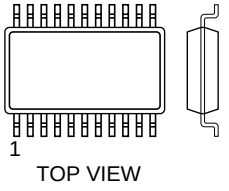
LP2985IM5X-3.3
S-80928CNMC-G8YT2G
TC7S66FU
TC7S66FU(TE85R)
TC7SA04FU(TE85R)
TC7SH04FU
TC7SH04FU-TE85R



5PIN CHIP

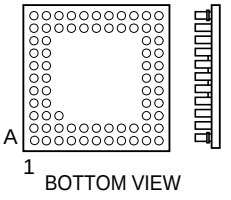
IC, Transistor

M52347FP-TE
SN74AHCT541PWR
SN74LV125APWR
SN74LV244APWR
SN74LVC244APWR
SN74LV541APWR



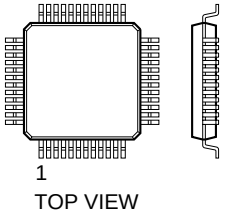
20PIN SOP

MB93401A



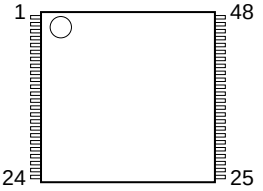
288PIN BGA

MB93491

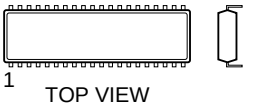


176PIN QFP

MBM29LV160BE-90TN-57MS
MX29LV800ATTC-70G-57PW



MCZ3001D

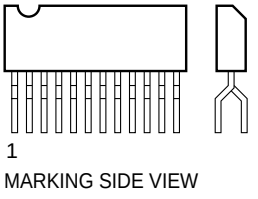


18PIN DIP

MT48LC8M16A2TG-75-Y95WT

54PIN TSOP

MZ1540



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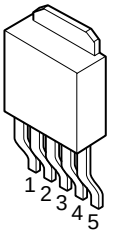
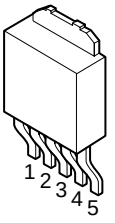
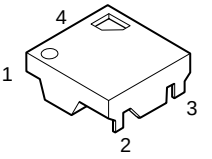


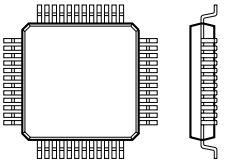
PQ20WZ1UJ00H



RS-140-T

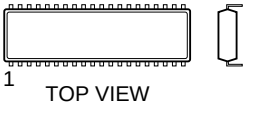


UPD64083GF-3BA



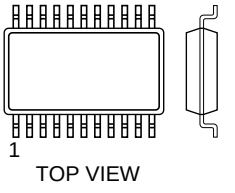
100PIN QFP

TDA7309D013TR



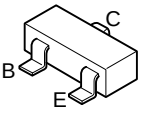
20PIN DIP

ST72T631K4M1-201

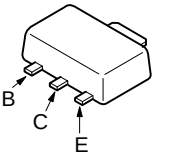


34PIN SOP

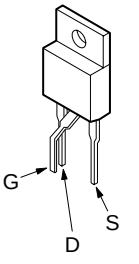
2SA1162-G
2SA1162-YG-TE85L
2SA1576A-T106-QR
2SC2712-YG
2SC2712-YG-TE85L
2SC4081-R
2SC4081T106R
DTA144EUA-T106
DTC114EU
DTC114EUA-T106
DTC144EUA-T106



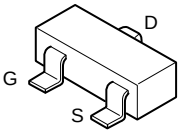
2SA1213Y-TE12L



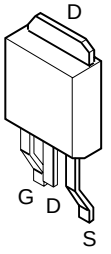
2SK2876-01MR-F122



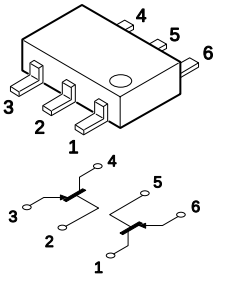
2SJ463A-T1



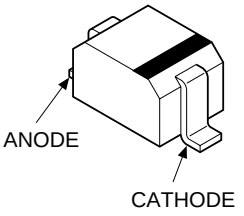
2SJ530S-TL



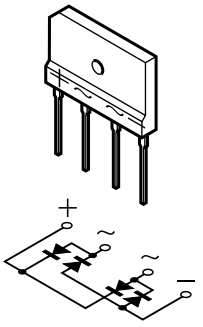
SSM6N15FU(TE85R)



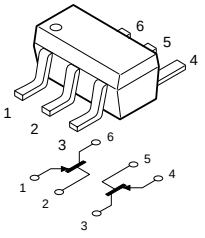
1SS355TE-17
MA111-TX



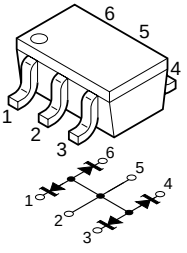
D6SB80



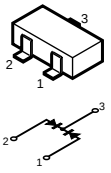
HN1B01FU-TE85R
HN1C01FU-TE85R



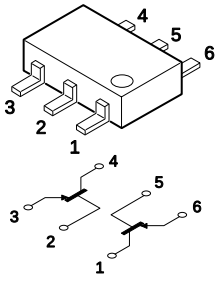
BZA456A



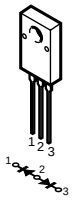
DAN202K
DAN202K-T-146
DAN202U
DAN202UT106
DAP202K
DAP202K-T-146



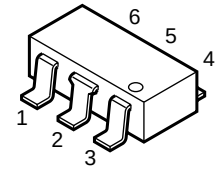
XP4501



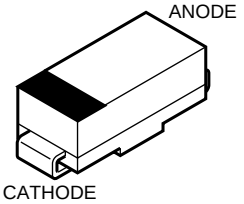
D10SC6M



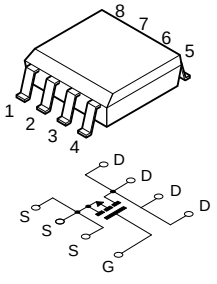
HN1D03FU-TE85R
HN1D03FU-TE85L



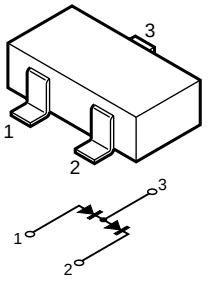
D1FS4A-TA
D2FS4-TA



SI4425DY-T1

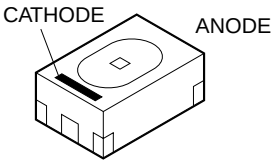


MA3J14700LS0

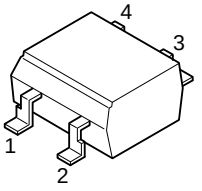


Diode

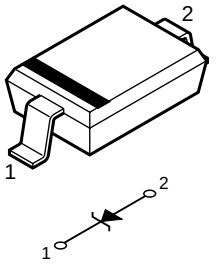
NSCW100-TE4



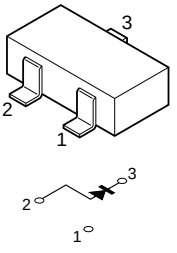
PC123GY2



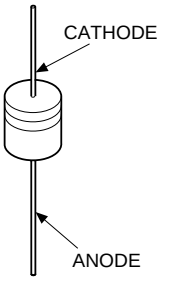
RD12SB-T1
RD3.9SB-T1
RD5.6SB-T1



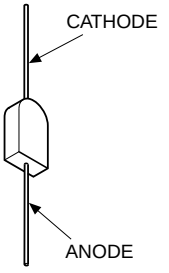
RD13M-T1B
RD18M-T1B1
RD39M-T1B
RD7.5M-B2
RD7.5M-T1B
UZM13B



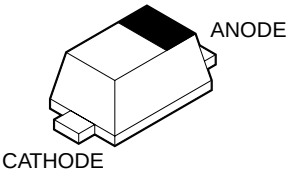
RD15ES-B3
RD15ES-T1B3



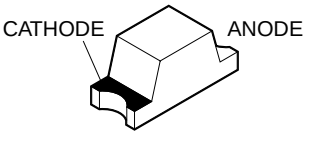
RM11C
RM11C-V1



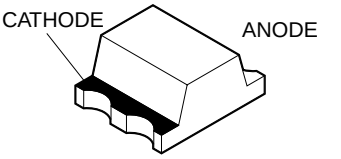
RSB6.8SFTE61



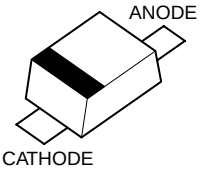
SEC1801C
SEC1901C



SEC2422C



UDZSITE-175.6B



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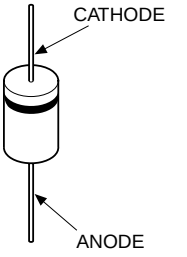


Section 4
Spare Parts

4-1. Notes on Repair Parts

1. Safety Related Components Warning

WARNING

Components marked ⚠ are critical to safe operation. Therefore, specified parts should be used in the case of replacement.

WARNHINWEIS

Les composants identifiés par la marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

2. Standardization of Parts

Some repair parts supplied by Sony differ from those used for the unit. These are because of parts commonality and improvement.
Parts List has the present standardized repair parts.

3. Stock of Parts

Parts marked with “o” at SP (Supply Code) column of the Spare Parts list may not be stocked. Therefore, the delivery date will be delayed.
Items with no part number and no description are not stocked because they are seldom required for routine service.

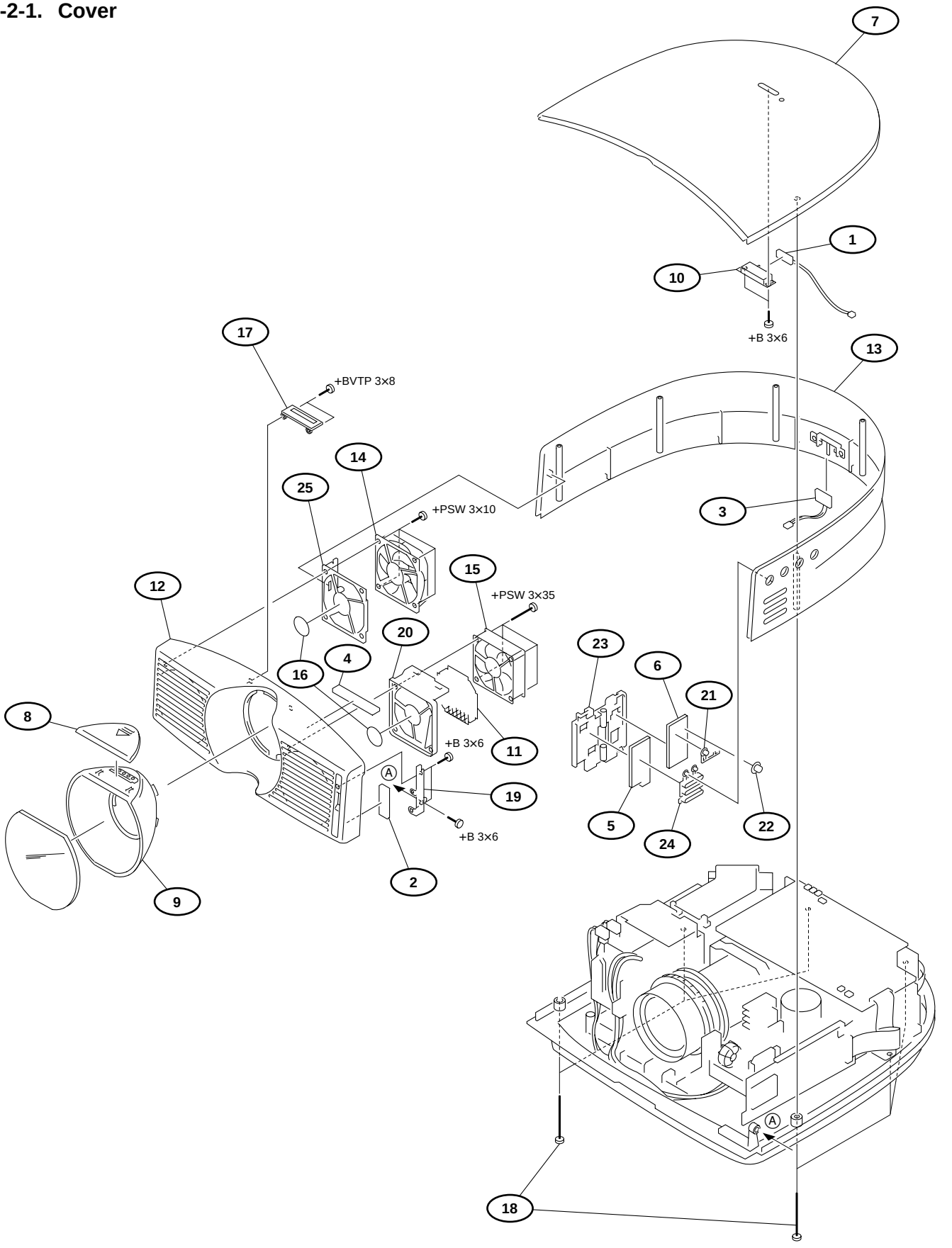
4. Units for Capacitors, Inductors and Resistors

The following units are assumed in Schematic Diagrams, Electrical Parts List and Exploded Views unless otherwise specified.

Capacitors	: μF
Inductors	: μH
Resistors	: Ω

4-2. Exploded Views

4-2-1. Cover

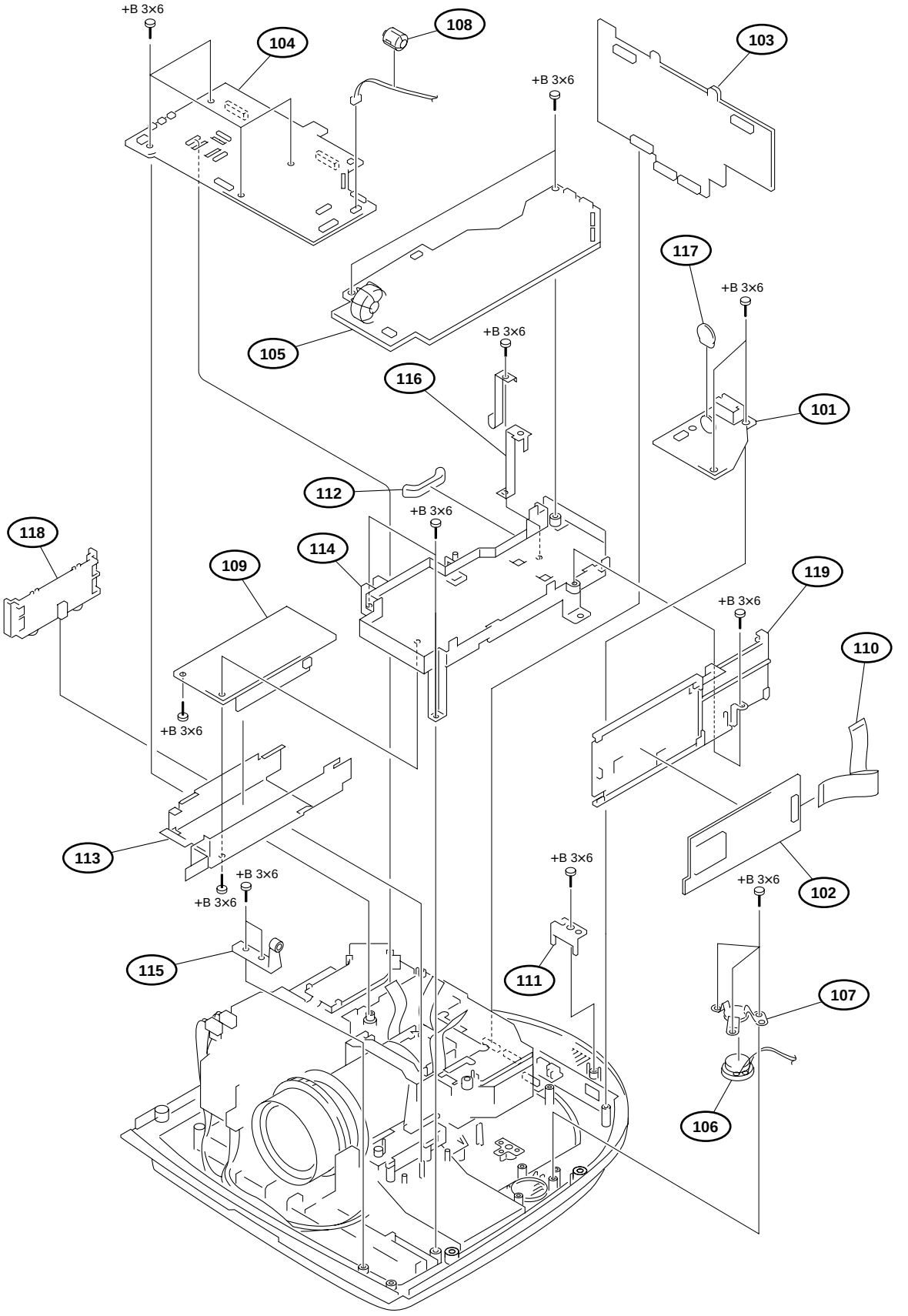


No.	Part No.	SP	Description
1	A-1405-996-A	s	MOUNTED CIRCUIT BOARD, L
2	A-1405-995-A	s	MOUNTED CIRCUIT BOARD, NF
3	A-1405-988-A	s	MOUNTED CIRCUIT BOARD, NR
4	A-1405-994-A	s	MOUNTED CIRCUIT BOARD, HC
5	A-1405-986-A	s	MOUNTED CIRCUIT BOARD, HA
6	A-1405-987-A	s	MOUNTED CIRCUIT BOARD, HB
7	⚠ X-4042-403-2	s	CABINET ASSY, TOP
8	X-4041-020-1	s	HOLDER FILTER (B) ASSY
9	X-4041-021-2	s	HOLDER, FILTER (A) ASSY
10	X-4041-023-1	s	GUIDE LIGHT ASSY
11	4-092-117-01	o	GUARD
12	⚠ X-4042-404-2	s	PANEL ASSY, FRONT
13	⚠ X-4042-402-1	s	COVER ASSY, SIDE
14	⚠ 1-763-422-12	s	FAN, DC
15	⚠ 1-763-874-12	s	FAN, D.C.
16	4-091-802-01	o	CUSHION, FAN
17	4-091-827-01	o	HOLDER, HOOD
18	4-091-831-01	s	SHAFT
19	4-091-840-01	o	HOLDER (FR)
20	4-091-858-02	o	BRACKET (PW), FAN
21	4-091-850-01	s	BUTTON (HB1)
22	4-091-851-03	s	BUTTON (HB2)
23	4-091-854-02	o	HOLDER (H)
24	4-091-855-03	s	BUTTON (HA)
25	4-091-856-02	o	HOLDER (92), FAN

Screws/Washers

	7-682-547-04	s	SCREW +B 3X6
	7-685-646-79	s	SCREW +BVTP 3X8 (EP-FE/ZNBK/CM2)
	7-682-949-01	s	SCREW +PSW 3X10 (EP-FE/ZNBK/CM2)
	7-682-956-09	s	SCREW +PSW 3X35 (EP-FE/ZNBK/CM2)

4-2-2. Chassis

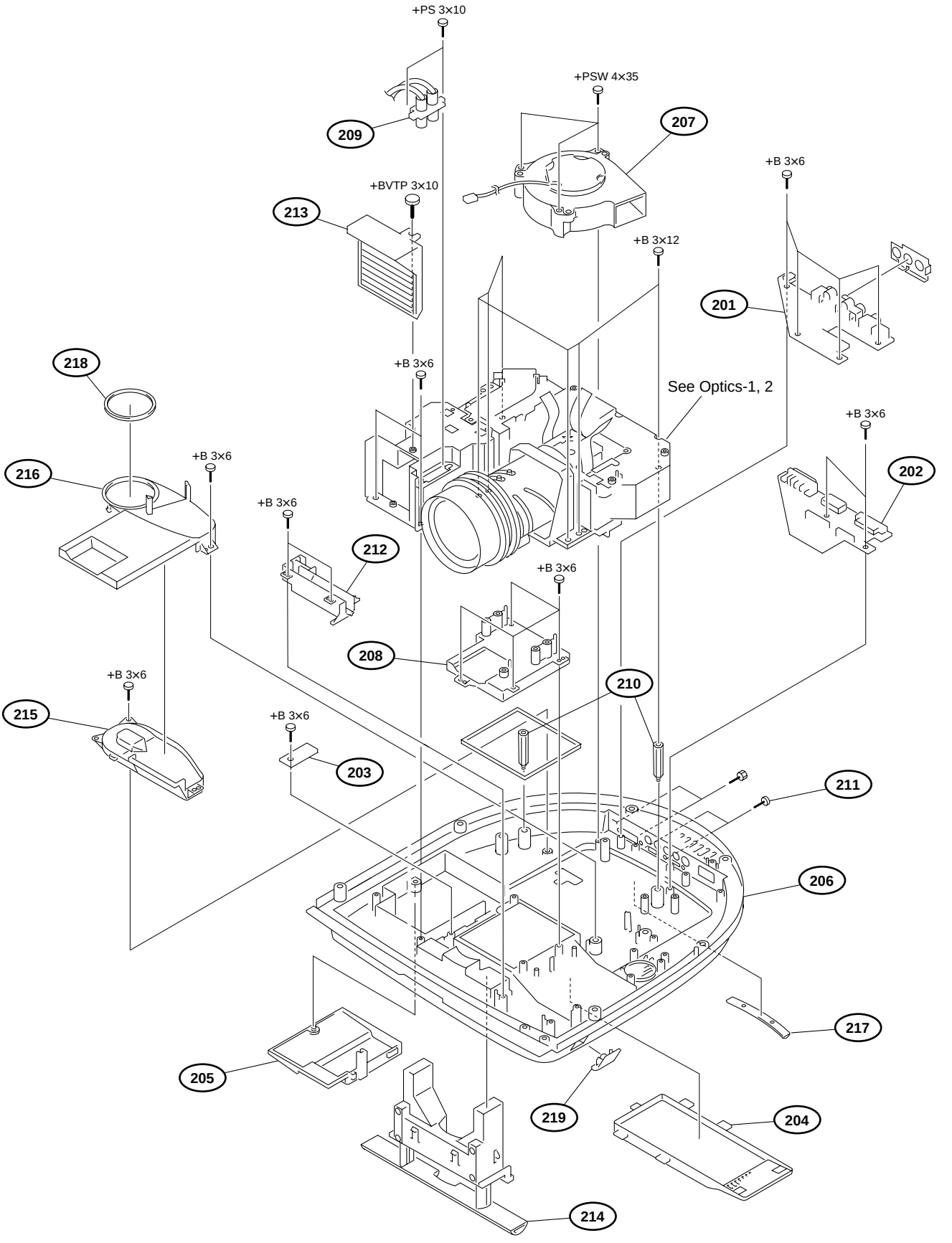

+B 3×6
104
108
103
+B 3×6
117
+B 3×6
105
+B 3×6
116
101
112
+B 3×6
118
114
109
119
+B 3×6
110
+B 3×6
113
+B 3×6
+B 3×6
+B 3×6
102
115
111
107
106

No.		Part No.	SP	Description
101		A-1302-476-A	s	MOUNTED CIRCUIT BOARD, F
102		A-1302-654-A	s	MOUNTED CIRCUIT BOARD, MS
103		A-1302-479-A	s	MOUNTED CIRCUIT BOARD, B
104		A-1302-480-A	s	MOUNTED CIRCUIT BOARD, C
105		A-1302-475-A	s	MOUNTED CIRCUIT BOARD, G
106	⚠	A-1603-999-B	s	SPEAKER ASSY
107		X-4039-453-1	o	SPRING ASSY, SPEAKER
108		1-500-249-11	s	BEAD, FERRITE (CASE)
109	⚠	1-468-719-12	s	LAMP POWER SUPPLY BLOCK
110		1-900-270-03	o	FLAT CONNECTOR ASSY 50P
111		4-085-052-01	o	HOLDER (AC)
112		4-091-803-01	o	CUSHION, G BRACKET
113		4-091-810-03	o	COVER, G BRACKET
114	⚠	4-091-865-04	o	BRACKET, POWER
115		4-091-826-02	o	HOLDER (FB)
116		4-091-834-01	o	PLATE, EARTH
117		4-374-846-01	o	COVER, CAPACITOR, CAP TYPE
118		4-091-847-01	o	BRACKET (MD)
119		4-091-857-01	o	BRACKET (MS)

Screws/Washers

		7-682-547-04	s	SCREW +B 3X6

4-2-3. Base


+PS 3×10
+PSW 4×35
209
207
+B 3×6
+BVTP 3×10
213
+B 3×12
201
218
+B 3×6
See Optics-1, 2
+B 3×6
216
+B 3×6
202
+B 3×6
212
+B 3×6
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+B 3×6
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+B 3×6
203
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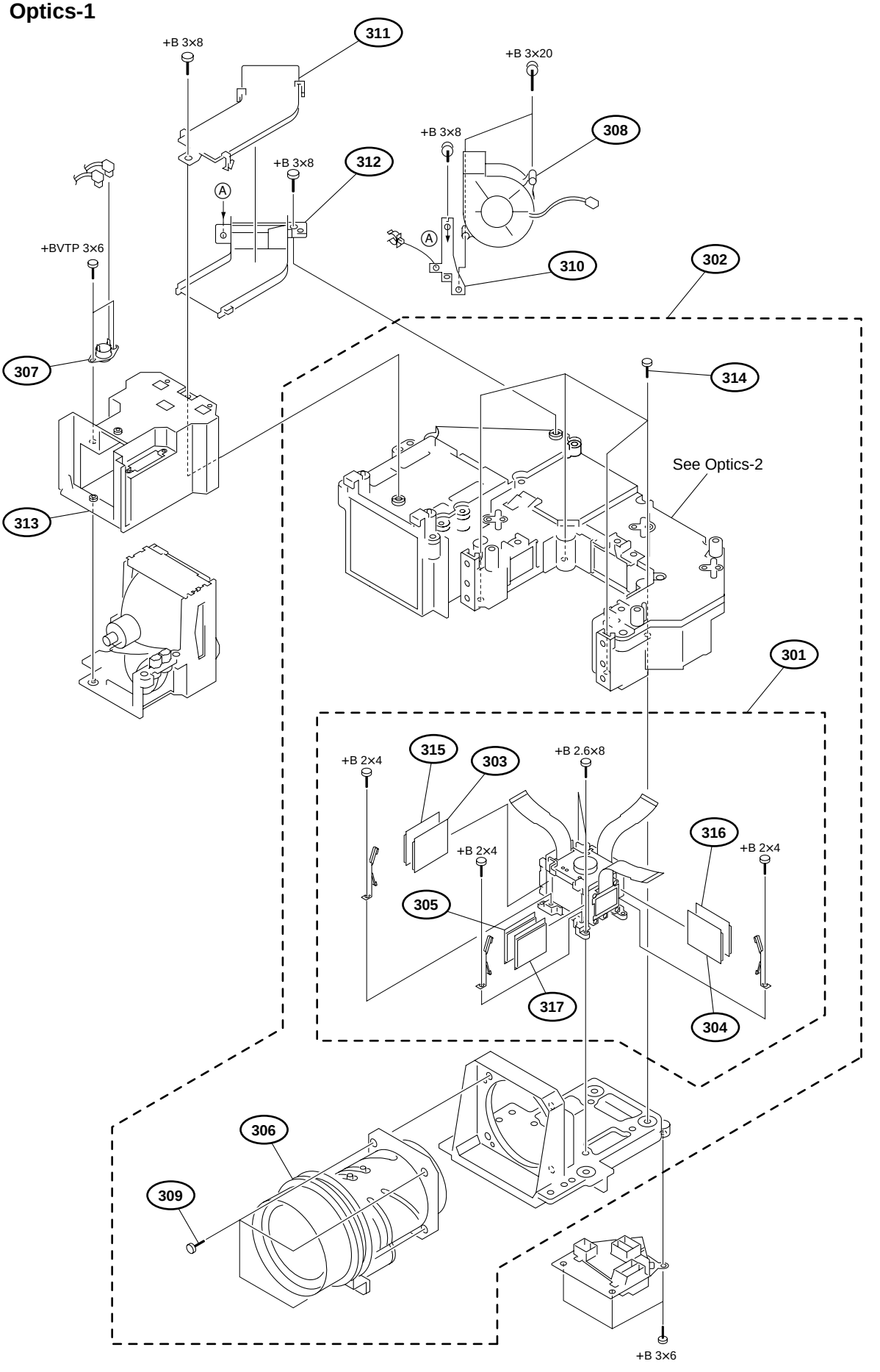
No.		Part No.	SP	Description
201		A-1302-477-A	s	MOUNTED CIRCUIT BOARD, QA
202		A-1302-478-A	s	MOUNTED CIRCUIT BOARD, QB
203		A-1405-984-A	s	MOUNTED CIRCUIT BOARD, U
204	⚠	X-4041-159-1	s	COVER ASSY, FILTER
205	⚠	X-4041-024-2	s	DOOR ASSY, LAMP
206	⚠	X-4042-401-2	s	BASE ASSY
207	⚠	1-763-952-12	s	FAN, DC
208		4-091-861-01	o	BASE, UNIT
209		1-900-270-16	o	CONNECTOR ASSY, LAMP POWER
210		4-084-430-01	o	BRACKET, UNIT
211		4-085-075-01	s	SCREW M 1.6X5, SPECIAL HEAD
212		4-091-853-01	o	UNIT, BUTTON
213		4-091-806-01	o	PLATE, LIGHT INTERSEPTION
214		4-099-399-01	s	ADJUSTOR
215		4-091-816-01	o	DUCT IN (LOW)
216		4-091-817-02	o	DUCT IN (UP)
217		4-099-401-01	o	FOOT, REAR
218		4-091-842-01	o	PACKING (FAN)
219		4-091-841-01	s	BUTTON, ADJUSTOR

Screws/Washers

	7-682-547-04	s	SCREW +B 3X6
	7-682-550-04	s	SCREW +B 3X12 (EP-FE/CU, NI, CR)
	7-682-649-09	s	SCREW +PS 3X10 (EP-FE/ZNBK/CM2)
	7-682-969-09	s	SCREW +PSW 4X35 (EP-FE/ZNBK/CM2)
	7-685-647-79	s	SCREW +BVTP 3X10 (EP-FE/ZNBK/CM2)

4-2-4. Optics-1

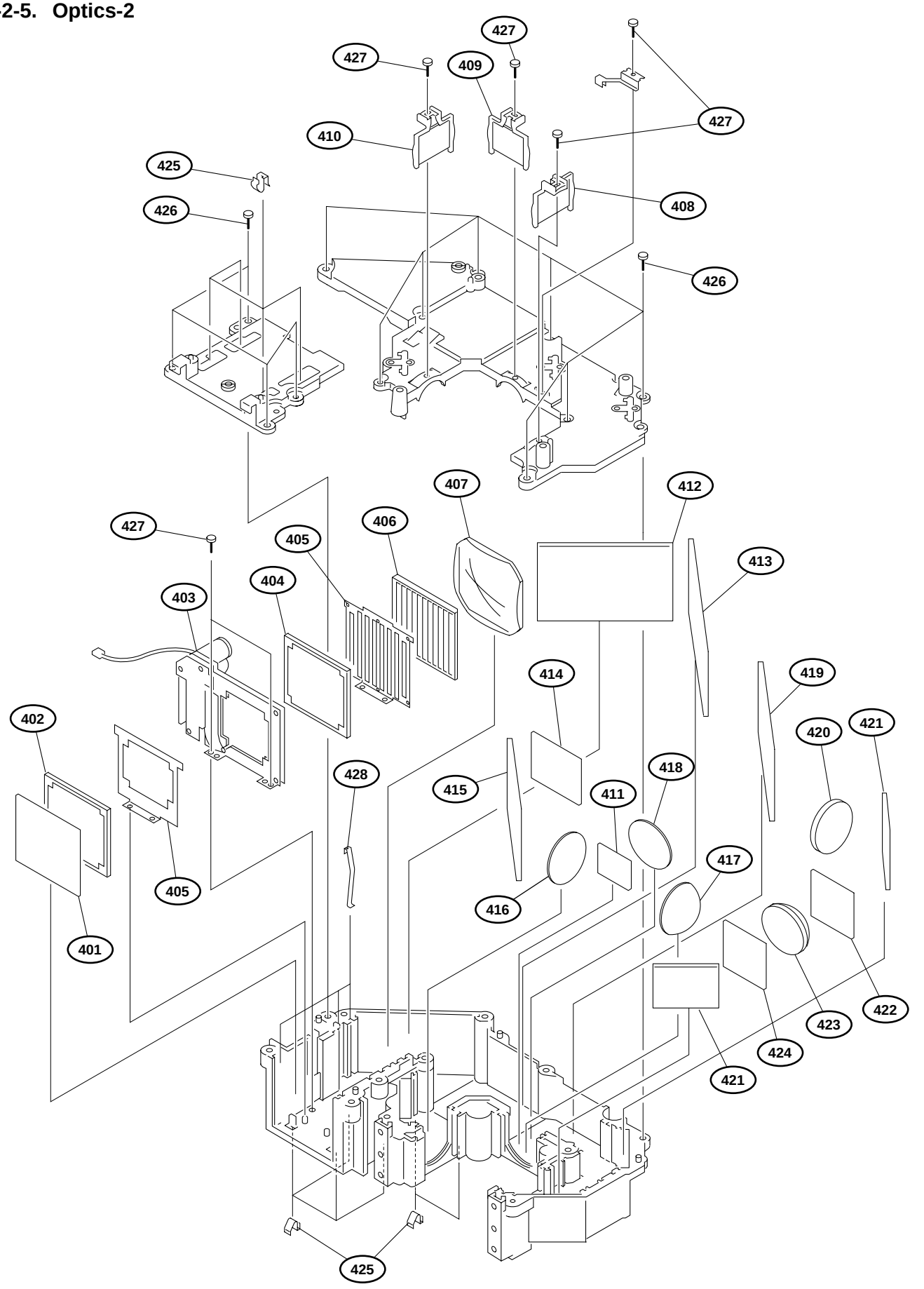

+B 3×8
311
+B 3×20
+B 3×8
308
+B 3×8
312
A
A
+BVTP 3×6
310
302
307
314
See Optics-2
313
301
+B 2×4
315
303
+B 2.6×8
316
+B 2×4
+B 2×4
305
317
304
306
309
+B 3×6

No.	Part No.	SP	Description	
301	A-1606-420-A	s	PRIMS BLOCK ASSY	
302	A-1606-419-A	s	OPT UNIT ASSY	
303	A-1606-426-A	s	PANEL (R) ASSY, OUT-POLARIZER	
304	A-1606-427-A	s	PANEL (G) ASSY, OUT-POLARIZER	
305	A-1606-428-A	s	PANEL (B) ASSY, OUT-POLARIZER	
306	A-1606-421-A	s	PROJECTION LENS ASSY	
307 ⚠	1-576-523-11	s	THERMOSTAT	
308 ⚠	1-763-695-12	s	FAN, DC	
309	3-681-360-11	s	SCREW, SPRING WASHER	
310	4-091-805-01	o	BRACKET FAN (R)	
311	4-091-811-01	o	DUCT LAMP (UP)	
312	4-091-812-11	o	DUCT LAMP (LOW)	
313	4-091-814-02	o	HOUSING, LAMP	
314	4-382-854-11	s	SCREW +PSW M3X10 (EP-EF/ZNBK/CM2)	
315	4-099-471-01	s	PLATE, WV-FILM (1)	WV-FILM PLATE to be used varies depending on the combination with the panels. Refer to 1-3-10. Disassembly for the combination with the panels.
315	4-099-472-01	s	PLATE, WV-FILM (2)	
316	4-099-471-11	s	PLATE, WV-FILM (1)	
316	4-099-472-11	s	PLATE, WV-FILM (2)	
317	4-099-471-21	s	PLATE, WV-FILM (1)	
317	4-099-472-21	s	PLATE, WV-FILM (2)	

Screws/Washers

	7-621-775-40	s	SCREW +B 2.6X8 (EP-EF/ZNBK/CM2)
	7-682-547-04	s	SCREW +B 3X6
	7-682-548-04	s	SCREW +B 3X8
	7-682-553-09	s	SCREW +B 3X20
	7-685-645-79	s	SCREW +BVTP 3X6 (EP-EF/ZNBK/CM2)
	7-621-772-10	s	SCREW +B 2X4

4-2-5. Optics-2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No.	Part No.	SP	Description
401	4-097-628-01	s	FILTER, UVIR-CUT
402	4-097-623-01	s	FLYEYE, LENS-1
403	1-478-410-11	s	IRIS UNIT
404	4-097-624-01	s	FLYEYE, LENS-2
405	4-099-430-01	s	APERTURE
406	4-097-622-01	s	CONVERTER, P/S
407	4-097-629-01	s	LENS, MAIN CONDENSER
408	A-1606-425-A	s	PANEL (B) ASSY, IN-POLARIZER
409	A-1606-424-A	s	PANEL (G) ASSY, IN-POLARIZER
410	A-1606-423-A	s	PANEL (R) ASSY, IN-POLARIZER
411	4-099-469-01	s	FILTER, G-TRIMMING
412	4-097-626-01	s	MIRROR, MAIN
413	4-097-633-01	s	DICHROIC MIRROR, R-REFLECT
414	4-097-635-02	s	FILTER, R-TRIMMING
415	4-097-621-01	s	MIRROR, R-CHANNEL
416	4-097-630-01	s	LENS, GR-CH CONDENSER
417	4-097-617-01	s	LENS, B-CH CONDENSER
418	4-097-630-11	s	LENS, GR-CH CONDENSER
419	4-097-634-01	s	DICHROIC MIRROR, G-REFLECT
420	4-097-631-01	s	LENS, RELAY-1
421	4-097-625-01	s	MIRROR, B-CHANNEL
422	4-097-647-11	s	FILTER, B-TRIMMING
423	4-097-632-01	s	LENS, RELAY-2
424	4-097-627-01	s	FILTER, UV-CUT
425	4-092-421-01	o	FASTENER (FY)
426	4-084-345-01	s	(+) P TAPPING SCREW B-0 (W)
427	4-089-527-02	s	+BSW M2X5
428	4-082-745-01	o	SPRING (FY)

4-3. Electrical Parts List

B BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1302-479-A	s	MOUNTED CIRCUIT BOARD, B
C100	1-125-889-11	s	CAPACITOR, C.CERAMIC 2.2MF
C101	1-125-889-11	s	CAPACITOR, C.CERAMIC 2.2MF
C102	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C103	1-131-992-11	s	CAP, CERAMIC 100000PF F 1608
C150	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C151	1-117-681-11	s	CAPACITOR, ELECT 100MF/16V
C152	1-117-681-11	s	CAPACITOR, ELECT 100MF/16V
C153	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C154	1-115-156-11	s	CAPACITOR,CERAMIC 1MF/10V(1608
C156	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C200	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C201	1-164-392-11	s	CAPACITOR CERAMIC 390PF/50V CH
C202	1-164-852-11	s	CAPACITOR,CHIP CERAMIC 12PF/16
C203	1-164-852-11	s	CAPACITOR,CHIP CERAMIC 12PF/16
C204	1-164-852-11	s	CAPACITOR,CHIP CERAMIC 12PF/16
C205	1-164-852-11	s	CAPACITOR,CHIP CERAMIC 12PF/16
C206	1-164-939-11	s	CAPACITOR,CHIP CERAMIC 2200PF
C207	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C208	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C210	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C211	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C212	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C215	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C216	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C217	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C218	1-126-206-11	s	CAPACITOR, ELECT 100MF/6.3V
C219	1-165-908-11	s	CAP, CERAMIC 1000000PF B 1608
C220	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C221	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C223	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C226	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C227	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C228	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C230	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C231	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C232	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C233	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C234	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C235	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C236	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C237	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C239	1-164-860-11	s	CAPACITOR,CHIP CERAMIC 27PF/16
C240	1-128-013-11	s	CAPACITOR ELECT 1MF/50V
C241	1-128-004-11	s	CAPACITOR ELECT 10MF/16V(CHIP)
C242	1-164-854-11	s	CAPACITOR CERAMIC 15PF/16V CH
C243	1-164-854-11	s	CAPACITOR CERAMIC 15PF/16V CH
C244	1-164-935-11	s	CAPACITOR,CHIP CERAMIC 470PF
C245	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C246	1-128-013-11	s	CAPACITOR ELECT 1MF/50V
C247	1-126-206-11	s	CAPACITOR, ELECT 100MF/6.3V
C251	1-164-854-11	s	CAPACITOR CERAMIC 15PF/16V CH
C252	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C253	1-128-004-11	s	CAPACITOR ELECT 10MF/16V(CHIP)
C254	1-164-505-11	s	CAPACITOR,CHIP CERAMIC 2.2MF
C255	1-126-204-11	s	CAPACITOR, ELECT 47MF/16V(CHIP
C256	1-164-854-11	s	CAPACITOR CERAMIC 15PF/16V CH
C259	1-131-992-11	s	CAP, CERAMIC 100000PF F 1608

(B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C261	1-117-681-11	s	CAPACITOR, ELECT 100MF/16V
C262	1-128-392-11	s	CAPACITOR,ELECT 470MF/6.3V
C263	1-128-013-11	s	CAPACITOR ELECT 1MF/50V
C264	1-128-004-11	s	CAPACITOR ELECT 10MF/16V(CHIP)
C265	1-126-209-11	s	CAPACITOR,ELECT 100MF/4V
C266	1-126-607-11	s	CAPACITOR,ELECT 47MF/4V
C267	1-126-607-11	s	CAPACITOR,ELECT 47MF/4V
C268	1-126-209-11	s	CAPACITOR,ELECT 100MF/4V
C269	1-126-246-11	s	CAPACITOR ELECT 220MF/4V(CHIP)
C270	1-126-209-11	s	CAPACITOR,ELECT 100MF/4V
C271	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C300	1-164-854-11	s	CAPACITOR CERAMIC 15PF/16V CH
C301	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C302	1-164-854-11	s	CAPACITOR CERAMIC 15PF/16V CH
C303	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C305	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C306	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C307	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C308	1-126-206-11	s	CAPACITOR, ELECT 100MF/6.3V
C309	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C310	1-126-209-11	s	CAPACITOR,ELECT 100MF/4V
C311	1-126-209-11	s	CAPACITOR,ELECT 100MF/4V
C312	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C313	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C314	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C315	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C316	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C317	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C318	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C319	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C320	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C321	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C322	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C323	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C324	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C325	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C326	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C327	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C328	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C329	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C330	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C331	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C332	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C333	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C334	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C335	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C336	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C337	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C338	1-126-209-11	s	CAPACITOR,ELECT 100MF/4V
C339	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C340	1-126-209-11	s	CAPACITOR,ELECT 100MF/4V
C341	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C342	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C343	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C344	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C345	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C346	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C347	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C348	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F

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Ref. No. or Q'ty	Part No.	SP	Description
C349	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C350	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C351	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C352	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C353	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C354	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C355	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C356	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C400	1-115-566-11	s	CAPACITOR,CERAMIC 4.7MF B/6.3V
C401	1-115-566-11	s	CAPACITOR,CERAMIC 4.7MF B/6.3V
C402	1-115-566-11	s	CAPACITOR,CERAMIC 4.7MF B/6.3V
C403	1-115-566-11	s	CAPACITOR,CERAMIC 4.7MF B/6.3V
C404	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C405	1-125-891-11	s	CAPACITOR CERAMIC 0.47MF/10V
C406	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C407	1-125-891-11	s	CAPACITOR CERAMIC 0.47MF/10V
C408	1-125-891-11	s	CAPACITOR CERAMIC 0.47MF/10V
C409	1-115-566-11	s	CAPACITOR,CERAMIC 4.7MF B/6.3V
C410	1-128-004-11	s	CAPACITOR ELECT 10MF/16V(CHIP)
C411	1-125-891-11	s	CAPACITOR CERAMIC 0.47MF/10V
C412	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C413	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C414	1-125-891-11	s	CAPACITOR CERAMIC 0.47MF/10V
C415	1-125-891-11	s	CAPACITOR CERAMIC 0.47MF/10V
C416	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C417	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C418	1-125-891-11	s	CAPACITOR CERAMIC 0.47MF/10V
C419	1-115-566-11	s	CAPACITOR,CERAMIC 4.7MF B/6.3V
C420	1-125-891-11	s	CAPACITOR CERAMIC 0.47MF/10V
C421	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C422	1-125-891-11	s	CAPACITOR CERAMIC 0.47MF/10V
C423	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C424	1-164-937-11	s	CAPACITOR,CHIP CERAMIC 1000PF
C425	1-165-908-11	s	CAP, CERAMIC 1000000PF B 1608
C426	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C427	1-125-889-11	s	CAPACITOR, C.CERAMIC 2.2MF
C428	1-137-987-81	s	CAPACITOR,C.CERAMIC 0.068MF
C429	1-115-566-11	s	CAPACITOR,CERAMIC 4.7MF B/6.3V
C430	1-115-566-11	s	CAPACITOR,CERAMIC 4.7MF B/6.3V
C431	1-165-875-11	s	CAPACITOR, CHIP CERAMIC 10MF B
C432	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C433	1-165-875-11	s	CAPACITOR, CHIP CERAMIC 10MF B
C434	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C435	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C436	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C437	1-164-882-11	s	CAPACITOR,CERAMIC 220PF/16V CH
C438	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C439	1-165-908-11	s	CAP, CERAMIC 1000000PF B 1608
C440	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C441	1-126-206-11	s	CAPACITOR, ELECT 100MF/6.3V
C442	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C443	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C444	1-128-004-11	s	CAPACITOR ELECT 10MF/16V(CHIP)
C445	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C500	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C501	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C502	1-164-937-11	s	CAPACITOR,CHIP CERAMIC 1000PF
C503	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C504	1-164-937-11	s	CAPACITOR,CHIP CERAMIC 1000PF

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C505	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C506	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C507	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C508	1-127-573-11	s	CAPACITOR,CERAMIC 1MFB(2012)
C509	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C510	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C511	1-126-206-11	s	CAPACITOR, ELECT 100MF/6.3V
C512	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C513	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C514	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C519	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C520	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C521	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C522	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C523	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C524	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C525	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C526	1-124-778-00	s	CAPACITOR,ELECT 22MF/6.3V
C528	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C529	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C530	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C531	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C532	1-117-614-11	s	CAPACITOR,CERAMIC8200PF B 1005
C533	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C537	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C538	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C539	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C540	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C549	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C601	1-165-875-11	s	CAPACITOR, CHIP CERAMIC 10MF B
C602	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C603	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C604	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C605	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C606	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C607	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C608	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C609	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C610	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C720	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C721	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C722	1-164-935-11	s	CAPACITOR,CHIP CERAMIC 470PF
C800	1-126-206-11	s	CAPACITOR, ELECT 100MF/6.3V
C801	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C802	1-165-875-11	s	CAPACITOR, CHIP CERAMIC 10MF B
C803	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C804	1-100-421-21	s	CAP, ELECT 220MF (6.3X5.9)
C805	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C806	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C807	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C808	1-100-421-21	s	CAP, ELECT 220MF (6.3X5.9)
C809	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C810	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C811	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C812	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C813	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C814	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C815	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C816	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF

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C817	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C818	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C819	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C820	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C821	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C822	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C823	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C824	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C825	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C826	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C827	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C828	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C829	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C830	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C831	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C832	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C833	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C834	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C835	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C836	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C837	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C838	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C839	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C840	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C841	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C842	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C843	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C844	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C845	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C846	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C847	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C848	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C849	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C850	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C851	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C855	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C856	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C903	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C907	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C908	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C909	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C910	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C911	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C912	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C913	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C914	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C915	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C916	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C917	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C918	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C922	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C923	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C924	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C925	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C926	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C927	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C928	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C929	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C930	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F

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Ref. No. or Q'ty	Part No.	SP	Description
C931	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C932	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C933	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C934	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C935	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C936	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C937	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C938	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C939	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C940	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C941	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C942	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C943	1-126-206-11	s	CAPACITOR, ELECT 100MF/6.3V
C944	1-126-206-11	s	CAPACITOR, ELECT 100MF/6.3V
C945	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C946	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C947	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C948	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C949	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C950	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C951	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C952	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C953	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C954	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C955	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C956	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C957	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C958	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C959	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C960	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C961	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C962	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C963	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C964	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C965	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C966	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C967	1-126-206-11	s	CAPACITOR, ELECT 100MF/6.3V
C968	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C969	1-127-692-11	s	CAP, CHIP CERAMIC 10MF B 3216
C970	1-127-692-11	s	CAP, CHIP CERAMIC 10MF B 3216
CN100	1-793-797-21	o	CONNECTOR, BOARD TO BOARD
CN101	1-793-797-21	o	CONNECTOR, BOARD TO BOARD
CN102	1-785-305-21	o	CONNECTOR, BOARD TO BOARD
CN150	1-760-388-11	o	CONNECTOR PIN (SMD) 9 PIN
CN151	1-691-551-11	o	PIN, CONNECTOR (SMD) 8P
CN152	1-785-305-21	o	CONNECTOR, BOARD TO BOARD
CN153	1-785-305-21	o	CONNECTOR, BOARD TO BOARD
CN154	1-779-806-21	s	CONNECTOR, 1.0MM PITCH 8P
CN720	1-779-884-11	s	PLUG, CONNECTOR 4P
D100	8-719-037-22	s	DIODE RD12SB-T1
D101	8-719-037-22	s	DIODE RD12SB-T1
D300	8-719-059-53	s	DIODE MA3J14700LSO
D301	8-719-059-53	s	DIODE MA3J14700LSO
D302	8-719-059-53	s	DIODE MA3J14700LSO
D303	8-719-059-53	s	DIODE MA3J14700LSO
D304	8-719-059-53	s	DIODE MA3J14700LSO
D305	8-719-059-53	s	DIODE MA3J14700LSO
D400	8-719-024-77	s	DIODE HN1D03FU-TE85L
D401	8-719-059-53	s	DIODE MA3J14700LSO

(B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
D402	8-719-988-61	s	DIODE 1SS355TE-17
D403	8-719-988-61	s	DIODE 1SS355TE-17
D404	8-719-059-53	s	DIODE MA3J14700LSO
D405	8-719-059-53	s	DIODE MA3J14700LSO
D501	8-719-059-53	s	DIODE MA3J14700LSO
D502	8-719-059-53	s	DIODE MA3J14700LSO
D503	8-719-059-53	s	DIODE MA3J14700LSO
D504	8-719-059-53	s	DIODE MA3J14700LSO
D505	8-719-059-53	s	DIODE MA3J14700LSO
D506	8-719-059-53	s	DIODE MA3J14700LSO
D507	8-719-059-53	s	DIODE MA3J14700LSO
D508	8-719-059-53	s	DIODE MA3J14700LSO
FB150	1-469-670-11	o	FERRITE, EMI (SMD)
FB200	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB201	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB202	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB206	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB207	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB300	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB301	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB302	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB303	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB500	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB502	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB503	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB600	1-469-670-11	o	FERRITE, EMI (SMD)
FB801	1-469-670-11	o	FERRITE, EMI (SMD)
FB802	1-469-670-11	o	FERRITE, EMI (SMD)
FB900	1-469-670-11	o	FERRITE, EMI (SMD)
FB901	1-469-670-11	o	FERRITE, EMI (SMD)
FB902	1-469-670-11	o	FERRITE, EMI (SMD)
FB903	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FL200	1-239-848-21	s	FILTER, LOW PASS
FL201	1-239-848-21	s	FILTER, LOW PASS
FL202	1-239-848-21	s	FILTER, LOW PASS
IC100	8-759-677-33	s	IC MM1228XF
IC150	8-759-596-39	s	IC SN74LV4052APWR
IC152	----------		IC BR24L64F-WE2
Note	If this IC has failed, replace the whole B board.		
IC200	6-704-841-01	s	IC AIC1117A-50PEJTR
IC202	6-704-842-01	s	IC AIC1117A-33PEJTR
IC203	6-700-960-01	s	IC UPD64083GF-3BA
IC204	6-702-295-01	s	IC NJM78M12DL1A-TE1
IC205	6-705-093-01	s	IC AIC1117A-25PEJTR
IC301	6-704-842-01	s	IC AIC1117A-33PEJTR
IC302	8-759-659-65	s	IC LP2985IM5X-3.3
IC303	6-704-844-01	s	IC AIC1117A-18PEJTR
IC304	6-704-844-01	s	IC AIC1117A-18PEJTR
IC400	8-759-596-34	s	IC SN74LV4053APWR
IC401	8-752-108-35	s	IC CXA2171AQ
IC402	8-759-646-02	s	IC M52347FP-TE
IC403	8-759-679-53	s	IC SN74LVC244APWR
IC404	6-704-841-01	s	IC AIC1117A-50PEJTR
IC405	8-759-271-86	s	IC TC7SH04FU
IC500	6-704-842-01	s	IC AIC1117A-33PEJTR
IC501	6-705-191-01	s	IC LP2985IM5X-1.8
IC502	6-705-456-01	s	IC AD9981KST-110
IC509	8-759-679-53	s	IC SN74LVC244APWR

(B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
IC600	8-759-573-97	s	IC SN74LVC541APWR
IC601	8-759-573-97	s	IC SN74LVC541APWR
IC602	8-759-573-97	s	IC SN74LVC541APWR
IC603	8-759-573-97	s	IC SN74LVC541APWR
IC604	8-759-573-97	s	IC SN74LVC541APWR
IC605	8-759-573-97	s	IC SN74LVC541APWR
IC606	8-759-573-97	s	IC SN74LVC541APWR
IC608	8-759-573-97	s	IC SN74LVC541APWR
IC609	8-759-573-97	s	IC SN74LVC541APWR
IC702	6-704-843-01	s	IC AIC1117A-PEJTR
IC720	6-703-225-01	s	IC S-80928CNMC-G8YT2G
IC800	6-705-136-01	s	IC PQ025EZ01ZPH
IC801	6-705-137-01	s	IC NE57814DD
IC802	6-705-089-01	s	IC K4D263238F-UC50T
IC900	6-803-525-01	s	IC LC4032V-75TN48C-DLY
IC904	6-705-136-01	s	IC PQ025EZ01ZPH
L100	1-412-058-11	s	INDUCTOR,SMALL TYPE 10UH
L150	1-409-529-41	s	COIL, CHOKE 10UH
L151	1-409-529-41	s	COIL, CHOKE 10UH
L152	1-409-529-41	s	COIL, CHOKE 10UH
L200	1-412-058-11	s	INDUCTOR,SMALL TYPE 10UH
L201	1-410-200-31	s	CHIP INDUCTOR
L202	1-412-058-11	s	INDUCTOR,SMALL TYPE 10UH
L203	1-412-058-11	s	INDUCTOR,SMALL TYPE 10UH
L204	1-412-058-11	s	INDUCTOR,SMALL TYPE 10UH
L300	1-469-522-11	s	INDUCTOR 1.0UH (NLFV25)
L301	1-469-525-91	s	INDUCTOR 10UH (NLFV25)
L302	1-469-525-91	s	INDUCTOR 10UH (NLFV25)
L400	1-469-524-11	s	INDUCTOR 4.7UH (NLFV25)
L401	1-469-523-91	s	INDUCTOR 2.2UH (NLFV25)
Q100	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q200	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q201	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q202	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q203	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q204	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q205	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q206	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q207	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q208	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q209	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q210	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q211	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q212	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q213	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q214	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q215	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q216	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q217	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q218	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q219	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q220	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q221	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q222	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q400	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q401	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q402	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q403	8-729-905-35	s	TRANSISTOR 2SC4081-R

(B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
Q404	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q405	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q406	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q407	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q408	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q409	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q410	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
R100	1-208-656-81	s	RESISTOR, METAL CHIP75(1005)
R101	1-208-656-81	s	RESISTOR, METAL CHIP75(1005)
R102	1-211-979-11	s	RESISTOR,CHIP 27 1/10W (1608)
R103	1-211-979-11	s	RESISTOR,CHIP 27 1/10W (1608)
R104	1-211-979-11	s	RESISTOR,CHIP 27 1/10W (1608)
R105	1-211-979-11	s	RESISTOR,CHIP 27 1/10W (1608)
R106	1-211-979-11	s	RESISTOR,CHIP 27 1/10W (1608)
R107	1-211-979-11	s	RESISTOR,CHIP 27 1/10W (1608)
R108	1-211-985-11	s	RESISTOR,CHIP 47 1/10W (1608)
R109	1-211-985-11	s	RESISTOR,CHIP 47 1/10W (1608)
R110	1-211-985-11	s	RESISTOR,CHIP 47 1/10W (1608)
R111	1-211-985-11	s	RESISTOR,CHIP 47 1/10W (1608)
R112	1-211-985-11	s	RESISTOR,CHIP 47 1/10W (1608)
R113	1-211-985-11	s	RESISTOR,CHIP 47 1/10W (1608)
R114	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R115	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R116	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R117	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R118	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R119	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R120	1-218-937-11	s	RESISTOR, CHIP 47
R121	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R122	1-208-656-81	s	RESISTOR, METAL CHIP75(1005)
R135	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R136	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R150	1-218-937-11	s	RESISTOR, CHIP 47
R151	1-218-937-11	s	RESISTOR, CHIP 47
R152	1-218-937-11	s	RESISTOR, CHIP 47
R153	1-218-937-11	s	RESISTOR, CHIP 47
R154	1-218-937-11	s	RESISTOR, CHIP 47
R155	1-218-937-11	s	RESISTOR, CHIP 47
R156	1-218-937-11	s	RESISTOR, CHIP 47
R157	1-218-937-11	s	RESISTOR, CHIP 47
R158	1-218-941-81	s	C-RES,V 100-1/16W J
R159	1-218-941-81	s	C-RES,V 100-1/16W J
R160	1-218-941-81	s	C-RES,V 100-1/16W J
R161	1-218-941-81	s	C-RES,V 100-1/16W J
R162	1-218-941-81	s	C-RES,V 100-1/16W J
R164	1-218-941-81	s	C-RES,V 100-1/16W J
R165	1-218-941-81	s	C-RES,V 100-1/16W J
R166	1-218-941-81	s	C-RES,V 100-1/16W J
R167	1-218-941-81	s	C-RES,V 100-1/16W J
R168	1-218-941-81	s	C-RES,V 100-1/16W J
R169	1-218-941-81	s	C-RES,V 100-1/16W J
R170	1-218-941-81	s	C-RES,V 100-1/16W J
R171	1-218-941-81	s	C-RES,V 100-1/16W J
R200	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R201	1-218-955-11	s	RESISTOR, CHIP 1.5K
R202	1-218-949-11	s	RESISTOR,CHIP 470 1/16W
R203	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R204	1-218-941-81	s	C-RES,V 100-1/16W J

(B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R205	1-218-941-81	s	C-RES,V 100-1/16W J
R206	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R207	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R208	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R209	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R210	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R211	1-218-949-11	s	RESISTOR,CHIP 470 1/16W
R212	1-218-949-11	s	RESISTOR,CHIP 470 1/16W
R213	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R214	1-208-677-11	s	RESISTOR CHIP 560 1/16W (1005)
R215	1-208-677-11	s	RESISTOR CHIP 560 1/16W (1005)
R216	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R217	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R218	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R219	1-218-941-81	s	C-RES,V 100-1/16W J
R220	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R221	1-218-981-11	s	RESISTOR CHIP 220K 1/16W(1005)
R223	1-208-701-11	s	RESISTOR CHIP 5.6K 1/16W(1005)
R224	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R225	1-208-701-11	s	RESISTOR CHIP 5.6K 1/16W(1005)
R226	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R227	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R229	1-218-952-11	s	RESISTOR, CHIP 820
R230	1-208-675-11	s	RESISTOR CHIP 470 1/16W (1005)
R235	1-208-701-11	s	RESISTOR CHIP 5.6K 1/16W(1005)
R236	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R237	1-208-691-11	s	RESISTOR CHIP 2.2K 1/16W(1005)
R238	1-218-952-11	s	RESISTOR, CHIP 820
R239	1-208-691-11	s	RESISTOR CHIP 2.2K 1/16W(1005)
R240	1-218-952-11	s	RESISTOR, CHIP 820
R241	1-218-971-11	s	RESISTOR,CHIP 33K 1/16W (1005)
R242	1-218-966-11	s	RESISTOR, CHIP 12K
R243	1-218-971-11	s	RESISTOR,CHIP 33K 1/16W (1005)
R244	1-218-966-11	s	RESISTOR, CHIP 12K
R245	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R246	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R247	1-208-677-11	s	RESISTOR CHIP 560 1/16W (1005)
R252	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R253	1-218-937-11	s	RESISTOR, CHIP 47
R254	1-218-937-11	s	RESISTOR, CHIP 47
R255	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R256	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R257	1-218-941-81	s	C-RES,V 100-1/16W J
R258	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R259	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R260	1-208-663-11	s	RESISTOR CHIP 150 1/16W (1005)
R261	1-208-663-11	s	RESISTOR CHIP 150 1/16W (1005)
R262	1-208-663-11	s	RESISTOR CHIP 150 1/16W (1005)
R263	1-208-663-11	s	RESISTOR CHIP 150 1/16W (1005)
R264	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R265	1-208-651-11	s	RESISTOR CHIP 47 1/16W (1005)
R266	1-208-675-11	s	RESISTOR CHIP 470 1/16W (1005)
R267	1-208-675-11	s	RESISTOR CHIP 470 1/16W (1005)
R268	1-208-675-11	s	RESISTOR CHIP 470 1/16W (1005)
R270	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R271	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R301	1-211-979-11	s	RESISTOR,CHIP 27 1/10W (1608)
R302	1-211-985-11	s	RESISTOR,CHIP 47 1/10W (1608)
R303	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)

(B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R304	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R305	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R307	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R311	1-218-941-81	s	C-RES,V 100-1/16W J
R312	1-218-941-81	s	C-RES,V 100-1/16W J
R313	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R314	1-211-979-11	s	RESISTOR,CHIP 27 1/10W (1608)
R315	1-211-985-11	s	RESISTOR,CHIP 47 1/10W (1608)
R317	1-211-985-11	s	RESISTOR,CHIP 47 1/10W (1608)
R318	1-211-979-11	s	RESISTOR,CHIP 27 1/10W (1608)
R319	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R320	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R321	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R323	1-211-979-11	s	RESISTOR,CHIP 27 1/10W (1608)
R324	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R326	1-211-985-11	s	RESISTOR,CHIP 47 1/10W (1608)
R327	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R328	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R329	1-211-979-11	s	RESISTOR,CHIP 27 1/10W (1608)
R330	1-211-985-11	s	RESISTOR,CHIP 47 1/10W (1608)
R332	1-218-941-81	s	C-RES,V 100-1/16W J
R333	1-218-941-81	s	C-RES,V 100-1/16W J
R336	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R337	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R338	1-218-941-81	s	C-RES,V 100-1/16W J
R339	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R340	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R342	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R343	1-211-985-11	s	RESISTOR,CHIP 47 1/10W (1608)
R344	1-211-979-11	s	RESISTOR,CHIP 27 1/10W (1608)
R345	1-211-985-11	s	RESISTOR,CHIP 47 1/10W (1608)
R346	1-211-979-11	s	RESISTOR,CHIP 27 1/10W (1608)
R347	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R349	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R350	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R400	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R401	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R402	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R403	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R404	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R405	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R406	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R407	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R408	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R409	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R410	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R411	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R412	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R413	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R414	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R415	1-218-937-11	s	RESISTOR, CHIP 47
R416	1-218-937-11	s	RESISTOR, CHIP 47
R417	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R418	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R419	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R420	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R421	1-220-169-11	s	RESISTOR,CHIP 75 1/16W
R422	1-220-169-11	s	RESISTOR,CHIP 75 1/16W
R423	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)

(B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R424	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R425	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R426	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R427	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R428	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R429	1-218-949-11	s	RESISTOR,CHIP 470 1/16W
R430	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R431	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R432	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R433	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R434	1-220-169-11	s	RESISTOR,CHIP 75 1/16W
R437	1-218-941-81	s	C-RES,V 100-1/16W J
R438	1-218-941-81	s	C-RES,V 100-1/16W J
R439	1-220-169-11	s	RESISTOR,CHIP 75 1/16W
R440	1-218-949-11	s	RESISTOR,CHIP 470 1/16W
R441	1-220-169-11	s	RESISTOR,CHIP 75 1/16W
R442	1-208-707-11	s	RESISTOR,CHIP 10K 1/16W (1005)
R443	1-218-937-11	s	RESISTOR, CHIP 47
R444	1-219-601-11	s	RES, METAL FILM CHIP 62K(1005)
R445	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R446	1-218-937-11	s	RESISTOR, CHIP 47
R447	1-218-937-11	s	RESISTOR, CHIP 47
R448	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R449	1-218-941-81	s	C-RES,V 100-1/16W J
R450	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R451	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R454	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R455	1-218-959-11	s	RESISTOR, CHIP 3.3K
R456	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R458	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R459	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R460	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R461	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R462	1-218-937-11	s	RESISTOR, CHIP 47
R463	1-218-937-11	s	RESISTOR, CHIP 47
R464	1-218-937-11	s	RESISTOR, CHIP 47
R466	1-218-937-11	s	RESISTOR, CHIP 47
R468	1-208-947-11	s	RESISTOR CHIP 330K 1/16W(1005)
R500	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R501	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R502	1-218-937-11	s	RESISTOR, CHIP 47
R504	1-218-937-11	s	RESISTOR, CHIP 47
R506	1-218-937-11	s	RESISTOR, CHIP 47
R507	1-218-937-11	s	RESISTOR, CHIP 47
R508	1-218-937-11	s	RESISTOR, CHIP 47
R509	1-218-937-11	s	RESISTOR, CHIP 47
R510	1-218-937-11	s	RESISTOR, CHIP 47
R511	1-218-937-11	s	RESISTOR, CHIP 47
R512	1-218-937-11	s	RESISTOR, CHIP 47
R513	1-218-937-11	s	RESISTOR, CHIP 47
R514	1-218-937-11	s	RESISTOR, CHIP 47
R515	1-218-937-11	s	RESISTOR, CHIP 47
R516	1-218-937-11	s	RESISTOR, CHIP 47
R517	1-218-937-11	s	RESISTOR, CHIP 47
R518	1-218-937-11	s	RESISTOR, CHIP 47
R519	1-208-687-11	s	RESISTOR CHIP 1.5K 1/16W (1005
R520	1-218-937-11	s	RESISTOR, CHIP 47
R522	1-218-937-11	s	RESISTOR, CHIP 47
R602	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)

(B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R720	1-218-937-11	s	RESISTOR, CHIP 47
R721	1-218-937-11	s	RESISTOR, CHIP 47
R722	1-218-937-11	s	RESISTOR, CHIP 47
R723	1-218-937-11	s	RESISTOR, CHIP 47
R726	1-218-937-11	s	RESISTOR, CHIP 47
R727	1-218-937-11	s	RESISTOR, CHIP 47
R728	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R730	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R731	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R732	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R733	1-218-941-81	s	C-RES,V 100-1/16W J
R735	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R736	1-219-570-11	s	RESISTOR,CHIP 10M 1/16W
R737	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R741	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R742	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R744	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R746	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R747	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R749	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R750	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R751	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R752	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R753	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R754	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R758	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R759	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R760	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R761	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R762	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R800	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R801	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R802	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R803	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R804	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R805	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R806	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R807	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R808	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R809	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R810	1-218-937-11	s	RESISTOR, CHIP 47
R811	1-218-937-11	s	RESISTOR, CHIP 47
R812	1-218-937-11	s	RESISTOR, CHIP 47
R813	1-218-937-11	s	RESISTOR, CHIP 47
R814	1-218-937-11	s	RESISTOR, CHIP 47
R815	1-218-937-11	s	RESISTOR, CHIP 47
R816	1-218-937-11	s	RESISTOR, CHIP 47
R817	1-218-937-11	s	RESISTOR, CHIP 47
R818	1-218-937-11	s	RESISTOR, CHIP 47
R819	1-218-937-11	s	RESISTOR, CHIP 47
R820	1-218-937-11	s	RESISTOR, CHIP 47
R821	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R822	1-218-937-11	s	RESISTOR, CHIP 47
R823	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R824	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R900	1-208-675-11	s	RESISTOR CHIP 470 1/16W (1005)
R901	1-208-659-11	s	RESISTOR CHIP 100 1/16W (1005)
R902	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)

(B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description	
RB300	1-234-369-21	s	RES, NETWORK 10X4	(1005)
RB301	1-234-369-21	s	RES, NETWORK 10X4	(1005)
RB302	1-234-369-21	s	RES, NETWORK 10X4	(1005)
RB303	1-234-369-21	s	RES, NETWORK 10X4	(1005)
RB500	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB501	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB502	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB503	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB504	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB505	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB508	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB509	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB512	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB513	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB514	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB600	1-234-369-21	s	RES, NETWORK 10X4	(1005)
RB601	1-234-369-21	s	RES, NETWORK 10X4	(1005)
RB602	1-234-369-21	s	RES, NETWORK 10X4	(1005)
RB603	1-234-369-21	s	RES, NETWORK 10X4	(1005)
RB604	1-234-369-21	s	RES, NETWORK 10X4	(1005)
RB605	1-234-369-21	s	RES, NETWORK 10X4	(1005)
RB606	1-234-795-21	s	RES, NETWORK 0X4	(2010)
RB607	1-234-369-21	s	RES, NETWORK 10X4	(1005)
RB608	1-234-369-21	s	RES, NETWORK 10X4	(1005)
RB609	1-234-369-21	s	RES, NETWORK 10X4	(1005)
RB610	1-234-369-21	s	RES, NETWORK 10X4	(1005)
RB611	1-234-369-21	s	RES, NETWORK 10X4	(1005)
RB612	1-234-369-21	s	RES, NETWORK 10X4	(1005)
RB613	1-234-369-21	s	RES, NETWORK 10X4	(1005)
RB614	1-234-369-21	s	RES, NETWORK 10X4	(1005)
RB615	1-234-369-21	s	RES, NETWORK 10X4	(1005)
RB700	1-234-369-21	s	RES, NETWORK 10X4	(1005)
RB701	1-234-369-21	s	RES, NETWORK 10X4	(1005)
RB702	1-234-369-21	s	RES, NETWORK 10X4	(1005)
RB703	1-234-369-21	s	RES, NETWORK 10X4	(1005)
RB704	1-234-369-21	s	RES, NETWORK 10X4	(1005)
RB705	1-234-369-21	s	RES, NETWORK 10X4	(1005)
RB706	1-234-369-21	s	RES, NETWORK 10X4	(1005)
RB707	1-234-369-21	s	RES, NETWORK 10X4	(1005)
RB708	1-234-369-21	s	RES, NETWORK 10X4	(1005)
RB709	1-234-369-21	s	RES, NETWORK 10X4	(1005)
RB710	1-234-369-21	s	RES, NETWORK 10X4	(1005)
RB711	1-234-369-21	s	RES, NETWORK 10X4	(1005)
RB720	1-234-381-21	s	RES, NETWORK 100KX4	(1005)
RB721	1-234-381-21	s	RES, NETWORK 100KX4	(1005)
RB722	1-234-381-21	s	RES, NETWORK 100KX4	(1005)
RB723	1-234-381-21	s	RES, NETWORK 100KX4	(1005)
RB724	1-234-381-21	s	RES, NETWORK 100KX4	(1005)
RB725	1-234-381-21	s	RES, NETWORK 100KX4	(1005)
RB726	1-234-381-21	s	RES, NETWORK 100KX4	(1005)
RB727	1-234-381-21	s	RES, NETWORK 100KX4	(1005)
RB728	1-234-381-21	s	RES, NETWORK 100KX4	(1005)
RB729	1-234-381-21	s	RES, NETWORK 100KX4	(1005)
RB730	1-234-381-21	s	RES, NETWORK 100KX4	(1005)
RB731	1-234-381-21	s	RES, NETWORK 100KX4	(1005)
RB800	1-234-370-11	s	RES, NETWORK 22X4	(1005)
RB801	1-234-370-11	s	RES, NETWORK 22X4	(1005)
RB802	1-234-370-11	s	RES, NETWORK 22X4	(1005)
RB803	1-234-370-11	s	RES, NETWORK 22X4	(1005)

(B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description	
RB804	1-234-370-11	s	RES, NETWORK 22X4	(1005)
RB805	1-234-370-11	s	RES, NETWORK 22X4	(1005)
RB806	1-234-370-11	s	RES, NETWORK 22X4	(1005)
RB807	1-234-370-11	s	RES, NETWORK 22X4	(1005)
RB808	1-234-370-11	s	RES, NETWORK 22X4	(1005)
RB809	1-234-370-11	s	RES, NETWORK 22X4	(1005)
RB810	1-234-370-11	s	RES, NETWORK 22X4	(1005)
RB811	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB812	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB813	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB814	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB815	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB816	1-234-370-11	s	RES, NETWORK 22X4	(1005)
RB817	1-234-370-11	s	RES, NETWORK 22X4	(1005)
RB818	1-234-370-11	s	RES, NETWORK 22X4	(1005)
RB819	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB820	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB821	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB822	1-234-370-11	s	RES, NETWORK 22X4	(1005)
RB823	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB824	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB825	1-234-370-11	s	RES, NETWORK 22X4	(1005)
RB826	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB827	1-234-370-11	s	RES, NETWORK 22X4	(1005)
RB828	1-234-370-11	s	RES, NETWORK 22X4	(1005)
RB829	1-234-370-11	s	RES, NETWORK 22X4	(1005)
S720	1-771-337-21	s	SWITCH, SLIDE	
TP101	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)	
TP102	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)	
TP200	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)	
TP201	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)	
TP202	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)	
TP203	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)	
TP204	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)	
TP300	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)	
TP301	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)	
TP302	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)	
TP303	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)	
TP400	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)	
TP401	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)	
TP701	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)	
X200	1-760-273-11	s	VIBRATOR, CRYSTAL	
X300	1-795-219-21	s	VIBRATOR, CRYSTAL	
X400	1-781-922-21	s	VIBRATOR, CERAMIC	
X720	1-795-416-21	s	VIBRATOR, CRYSTAL	

C BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1302-480-A	s	MOUNTED CIRCUIT BOARD, C
C200	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C201	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C202	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C203	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C205	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C206	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C207	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C208	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C209	1-164-937-11	s	CAPACITOR,CHIP CERAMIC 1000PF
C210	1-164-937-11	s	CAPACITOR,CHIP CERAMIC 1000PF
C211	1-164-937-11	s	CAPACITOR,CHIP CERAMIC 1000PF
C212	1-164-937-11	s	CAPACITOR,CHIP CERAMIC 1000PF
C213	1-115-566-11	s	CAPACITOR,CERAMIC 4.7MF B/6.3V
C214	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C215	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C216	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C217	1-164-852-11	s	CAPACITOR,CHIP CERAMIC 12PF/16
C218	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C219	1-164-852-11	s	CAPACITOR,CHIP CERAMIC 12PF/16
C220	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C221	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C223	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C224	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C300	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C301	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C302	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C303	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C304	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C305	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C306	1-117-370-11	s	CAPACITOR CERAMIC 10MF (3216)
C307	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C308	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C309	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C310	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C311	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C312	1-115-156-11	s	CAPACITOR,CERAMIC 1MF/10V(1608
C313	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C314	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C315	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C316	1-125-891-11	s	CAPACITOR CERAMIC 0.47MF/10V
C317	1-125-891-11	s	CAPACITOR CERAMIC 0.47MF/10V
C318	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C319	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C320	1-126-206-11	s	CAPACITOR, ELECT 100MF/6.3V
C321	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C322	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C323	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C324	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C326	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C327	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C328	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C329	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C331	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C332	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C333	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C334	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C336	1-164-505-11	s	CAPACITOR,CHIP CERAMIC 2.2MF

(C BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C337	1-164-505-11	s	CAPACITOR,CHIP CERAMIC 2.2MF
C339	1-164-505-11	s	CAPACITOR,CHIP CERAMIC 2.2MF
C340	1-164-505-11	s	CAPACITOR,CHIP CERAMIC 2.2MF
C341	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C342	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C343	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C400	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C401	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C402	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C403	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C404	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C405	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C406	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C407	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C408	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C409	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C410	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C411	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C412	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C413	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C414	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C415	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C416	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C417	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C418	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C419	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C420	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C421	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C437	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C441	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C442	1-164-852-11	s	CAPACITOR,CHIP CERAMIC 12PF/16
C443	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C444	1-164-852-11	s	CAPACITOR,CHIP CERAMIC 12PF/16
C446	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C447	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C448	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C449	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C450	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C451	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C452	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C453	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C454	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C455	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C456	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C457	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C458	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C459	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C460	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C461	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C462	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C463	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C464	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C465	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C466	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C467	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C468	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C469	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C470	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C471	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F

(C BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C500	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C501	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C502	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C503	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C504	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C505	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C506	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C507	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C508	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C509	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C510	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C511	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C512	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C513	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C514	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C515	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C516	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C517	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C518	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C519	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C520	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C521	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C522	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C523	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C524	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C525	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C526	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C527	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C528	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C529	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C530	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C531	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C532	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C533	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C534	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C535	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C536	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C537	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C538	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C539	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C541	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C542	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C543	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C544	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C600	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C601	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C602	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C603	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C604	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C605	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C606	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C607	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C608	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C609	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C610	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C611	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C612	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C613	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C614	1-128-992-11	s	CAPACITOR ELECT 47MF 25V

(C BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C615	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C616	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C617	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C618	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C619	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C620	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C621	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C622	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C623	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C624	1-125-827-11	s	CAPACITOR,CERAMIC 1MF/25V
C625	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C650	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C651	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C652	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C653	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C654	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C655	1-126-197-11	s	CAPACITOR ERECT 10MF/50V
C700	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C701	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C702	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C703	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C704	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C705	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C706	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C707	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C708	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C709	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C710	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C711	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C712	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C713	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C714	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C715	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C716	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C717	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C718	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C719	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C720	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C721	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C722	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C723	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C724	1-125-827-11	s	CAPACITOR,CERAMIC 1MF/25V
C725	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C800	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C801	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C802	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C803	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C804	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C805	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C806	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C807	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C808	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C809	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C810	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C811	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C812	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C813	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C814	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C815	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V

(C BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C816	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C817	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C818	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C819	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C820	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C821	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C822	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C823	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C824	1-125-827-11	s	CAPACITOR,CERAMIC 1MF/25V
C825	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C900	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C901	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C904	1-127-692-11	s	CAP, CHIP CERAMIC 10MF B 3216
C906	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C910	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C912	1-131-992-11	s	CAP, CERAMIC 100000PF F 1608
C913	1-126-204-11	s	CAPACITOR, ELECT 47MF/16V(CHIP
C914	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C915	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C916	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C917	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C918	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C919	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C920	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C921	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C922	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C923	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C924	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C925	1-117-681-11	s	CAPACITOR, ELECT 100MF/16V
C926	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C927	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C928	1-115-156-11	s	CAPACITOR,CERAMIC 1MF/10V(1608
C929	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C930	1-135-342-11	s	CAPACITOR,SOLID ELECT 56MF
C931	1-115-156-11	s	CAPACITOR,CERAMIC 1MF/10V(1608
C932	1-127-861-11	s	CAP, CERAMIC 2.2MF B (3216)
C933	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C935	1-115-156-11	s	CAPACITOR,CERAMIC 1MF/10V(1608
C936	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C937	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C938	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C939	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C940	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C941	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C942	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C943	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C944	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C945	1-126-204-11	s	CAPACITOR, ELECT 47MF/16V(CHIP
C946	1-126-204-11	s	CAPACITOR, ELECT 47MF/16V(CHIP
CN100	1-785-306-21	o	CONNECTOR, BOARD TO BOARD
CN101	1-785-306-21	o	CONNECTOR, BOARD TO BOARD
CN102	1-785-613-11	o	CONNECTOR, FFC/FPC 50P
CN200	1-778-965-21	s	PIN, CONNECTOR (PC BOARD) 12P
CN201	1-770-622-21	s	PIN, CONNECTOR 5P
CN300	1-580-756-21	s	PIN, CONNECTOR 7P
CN302	1-778-965-21	s	PIN, CONNECTOR (PC BOARD) 12P
CN303	1-770-620-21	s	PIN, CONNECTOR 3P
CN304	1-770-621-21	s	PIN, CONNECTOR 4P
CN305	1-770-619-11	o	PIN, CONNECTOR 2P

(C BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
CN306	1-770-622-21	s	PIN, CONNECTOR 5P
CN307	1-695-223-21	o	PIN,CONNECTOR (SMD) 10P
CN308	1-573-290-21	s	PIN,CONNECTOR (4P)(SMD)(1.5MM)
CN310	1-774-730-21	s	PIN, CONNECTOR (PC BOARD) 3P
CN311	1-794-509-11	s	PIN, CONNECTOR (PC BOARD) (3P)
CN312	1-691-550-11	s	PIN,CONNECTOR (3P)(SMD)(1.5MM)
CN400	1-785-946-11	s	CONNECTOR 3P
CN401	1-785-306-21	o	CONNECTOR, BOARD TO BOARD
CN500	1-779-884-11	s	PLUG, CONNECTOR 4P
CN600	1-794-823-11	s	CONNECTOR (ZIF), FPC/FFC 32P
CN700	1-794-823-11	s	CONNECTOR (ZIF), FPC/FFC 32P
CN800	1-794-823-11	s	CONNECTOR (ZIF), FPC/FFC 32P
CN900	1-779-806-21	s	CONNECTOR, 1.0MM PITCH 8P
CN901	1-580-057-11	s	PIN,CONNECTOR 4P
CN902	1-695-320-21	o	PIN, CONNECTOR(1.5MM)SMD 2P
CN903	1-691-591-11	o	PIN,CONNECTOR (8P)(SMD)(1.5MM)
D200	8-719-024-77	s	DIODE HN1D03FU-TE85L
D300	8-719-073-01	s	DIODE MA111-(K8).S0
D301	8-719-073-11	s	DIODE BZA456A
D302	8-719-073-01	s	DIODE MA111-(K8).S0
D303	8-719-073-01	s	DIODE MA111-(K8).S0
D305	8-719-073-01	s	DIODE MA111-(K8).S0
D306	8-719-073-01	s	DIODE MA111-(K8).S0
D503	8-719-073-01	s	DIODE MA111-(K8).S0
D902	8-719-073-01	s	DIODE MA111-(K8).S0
D903	8-719-073-01	s	DIODE MA111-(K8).S0
D904	8-719-036-94	s	DIODE RD5.6SB-T1
FB100	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB101	1-400-150-11	s	FERRITE, EMI (SMD)
FB200	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB303	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB304	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB305	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB306	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB307	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB308	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB310	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB311	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB313	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB314	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB316	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB317	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB318	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB319	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB320	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB321	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB322	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB323	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB324	1-400-150-11	s	FERRITE, EMI (SMD)
FB325	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB326	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB327	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB328	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB329	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB330	1-400-150-11	s	FERRITE, EMI (SMD)
FB331	1-400-150-11	s	FERRITE, EMI (SMD)
FB332	1-414-921-11	s	INDUCTOR, FERRITE BEAD

(C BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
FB334	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB335	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB336	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB337	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB338	1-469-670-11	o	FERRITE, EMI (SMD)
FB340	1-469-670-11	o	FERRITE, EMI (SMD)
FB341	1-469-670-11	o	FERRITE, EMI (SMD)
FB400	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
FB401	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB402	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB403	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB404	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB405	1-469-670-11	o	FERRITE, EMI (SMD)
FB500	1-469-670-11	o	FERRITE, EMI (SMD)
FB501	1-469-670-11	o	FERRITE, EMI (SMD)
FB502	1-469-670-11	o	FERRITE, EMI (SMD)
FB503	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB504	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB505	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB600	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB601	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB602	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB700	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB701	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB702	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB703	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB800	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB801	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB802	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB900	1-469-670-11	o	FERRITE, EMI (SMD)
FB901	1-469-670-11	o	FERRITE, EMI (SMD)
FB902	1-400-150-11	s	FERRITE, EMI (SMD)
FB903	1-400-150-11	s	FERRITE, EMI (SMD)
FB904	1-400-150-11	s	FERRITE, EMI (SMD)
FB905	1-400-150-11	s	FERRITE, EMI (SMD)
FB906	1-400-150-11	s	FERRITE, EMI (SMD)
FB907	1-400-150-11	s	FERRITE, EMI (SMD)
FB908	1-400-150-11	s	FERRITE, EMI (SMD)
FB909	1-400-150-11	s	FERRITE, EMI (SMD)
FB910	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB911	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB912	1-469-670-11	o	FERRITE, EMI (SMD)
FB913	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB914	1-469-670-11	o	FERRITE, EMI (SMD)
FL300	1-239-899-21	s	FILTER, CHIP EMI
FL301	1-239-899-21	s	FILTER, CHIP EMI
IC200	6-704-842-01	s	IC AIC1117A-33PEJTR
IC201	8-759-471-89	s	IC 74VHC02MTCX
IC202	8-759-549-01	s	IC SN74LV125APWR
IC203	----------		IC HD64F2376VFQ33V
Note	Replace this IC after it is written in all kind of data.		
IC204	6-703-225-01	s	IC S-80928CNMC-G8YT2G
IC301	8-759-681-47	s	IC IRMF-A0T-QTP
IC302	8-759-066-55	s	IC TA75W393FU
IC303	8-759-714-09	s	IC ADXL202JE-REEL
IC304	8-759-066-55	s	IC TA75W393FU
IC305	8-759-643-48	s	IC BA00ASFP-E2
IC306	8-759-643-48	s	IC BA00ASFP-E2

(C BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
IC307	8-759-643-48	s	IC BA00ASFP-E2
IC308	8-759-643-48	s	IC BA00ASFP-E2
IC310	6-704-841-01	s	IC AIC1117A-50PEJTR
IC400	6-704-843-01	s	IC AIC1117A-PEJTR
IC402	6-705-136-01	s	IC PQ025EZ01ZPH
IC403	6-703-225-01	s	IC S-80928CNMC-G8YT2G
IC404	6-704-477-01	s	IC CY25025SZC-1T
IC405	6-704-030-01	s	IC TC7SA04FU(TE85R)
IC406	6-803-610-01	s	IC MX29LV800ATTC-70G-57PW
IC500	8-759-831-52	s	IC TC7WH125FK(TE85R)
IC501	8-759-659-65	s	IC LP2985IM5X-3.3
IC502	6-703-225-01	s	IC S-80928CNMC-G8YT2G
IC503	6-703-225-01	s	IC S-80928CNMC-G8YT2G
IC504	6-700-953-01	s	IC LM1117MPX-1.8
IC505	----------		IC HN58X24256FPIZ

Note If this IC has failed, replace the whole C board.

IC506	8-759-679-58	s	IC SN74AHCT541PWR
IC507	8-759-679-58	s	IC SN74AHCT541PWR
IC508	8-752-421-22	s	IC CXD3531R
IC510	6-704-030-01	s	IC TC7SA04FU(TE85R)
IC600	6-704-842-01	s	IC AIC1117A-33PEJTR
IC601	8-752-107-63	s	IC CXA7004R-T4
IC602	8-752-107-63	s	IC CXA7004R-T4
IC650	6-705-025-01	s	IC PQ20WZ1UJ00H
IC651	8-759-252-41	s	IC TK11900MTL
IC700	6-704-842-01	s	IC AIC1117A-33PEJTR
IC701	8-752-107-63	s	IC CXA7004R-T4
IC702	8-752-107-63	s	IC CXA7004R-T4
IC800	6-704-842-01	s	IC AIC1117A-33PEJTR
IC801	8-752-107-63	s	IC CXA7004R-T4
IC802	8-752-107-63	s	IC CXA7004R-T4
IC900	6-803-526-01	s	IC LC4032V-75TN48C-MTC
IC901	6-700-792-01	s	IC NJM78M09DL1A(TE1)
IC903	8-759-533-85	s	IC L88M05T-FA-TL
IC904	8-759-276-89	s	IC BA6285FP (E2)
IC905	8-759-276-89	s	IC BA6285FP (E2)
IC906	6-704-841-01	s	IC AIC1117A-50PEJTR
IC907	6-703-352-01	s	IC TPA2000D1PW
IC908	8-759-352-94	s	IC TDA7309D013TR
L400	1-469-528-91	s	INDUCTOR 100UH (NLFV25)
L600	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L601	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L602	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L603	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L604	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L605	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L700	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L701	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L702	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L703	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L704	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L705	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L800	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L801	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L802	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L803	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L804	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L805	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L900	1-409-529-41	s	COIL, CHOKE 10UH

(C BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
L901	1-412-028-11	s	INDUCTOR,CHIP 4.7UH (3225)
Q200	6-550-014-01	s	TRANSISTOR SSM6N15FU(TE85R)
Q201	6-550-014-01	s	TRANSISTOR SSM6N15FU(TE85R)
Q202	6-550-014-01	s	TRANSISTOR SSM6N15FU(TE85R)
Q203	6-550-014-01	s	TRANSISTOR SSM6N15FU(TE85R)
Q204	6-550-014-01	s	TRANSISTOR SSM6N15FU(TE85R)
Q205	6-550-014-01	s	TRANSISTOR SSM6N15FU(TE85R)
Q206	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q280	6-550-014-01	s	TRANSISTOR SSM6N15FU(TE85R)
Q281	6-550-014-01	s	TRANSISTOR SSM6N15FU(TE85R)
Q300	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q301	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q302	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q303	8-729-427-72	s	TRANSISTOR XP4501-TXE
Q304	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q305	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q306	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q308	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q309	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q310	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q311	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q312	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q400	8-729-907-00	s	TRANSISTOR DTC114EU
Q401	8-729-047-32	s	TRANSISTOR SI4425DY-T1
Q500	8-729-047-32	s	TRANSISTOR SI4425DY-T1
Q501	8-729-907-00	s	TRANSISTOR DTC114EU
Q502	8-729-230-49	s	TRANSISTOR 2SC2712-YG
Q503	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q504	8-729-907-00	s	TRANSISTOR DTC114EU
Q600	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q601	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q700	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q701	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q800	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q801	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q900	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
R200	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R201	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R202	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R203	1-218-941-81	s	C-RES,V 100-1/16W J
R204	1-218-941-81	s	C-RES,V 100-1/16W J
R205	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
R207	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
R208	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
R209	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R210	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R211	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R212	1-218-941-81	s	C-RES,V 100-1/16W J
R213	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R214	1-218-941-81	s	C-RES,V 100-1/16W J
R215	1-218-941-81	s	C-RES,V 100-1/16W J
R216	1-218-941-81	s	C-RES,V 100-1/16W J
R217	1-218-941-81	s	C-RES,V 100-1/16W J
R218	1-218-941-81	s	C-RES,V 100-1/16W J
R219	1-218-941-81	s	C-RES,V 100-1/16W J
R220	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R221	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R222	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W

(C BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R223	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R224	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R225	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R226	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R227	1-218-941-81	s	C-RES,V 100-1/16W J
R228	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R229	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R230	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R231	1-218-941-81	s	C-RES,V 100-1/16W J
R232	1-218-941-81	s	C-RES,V 100-1/16W J
R233	1-218-941-81	s	C-RES,V 100-1/16W J
R234	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R236	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R238	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R239	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R240	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R241	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R242	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R243	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R244	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R245	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R246	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R247	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R248	1-218-941-81	s	C-RES,V 100-1/16W J
R252	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R253	1-218-941-81	s	C-RES,V 100-1/16W J
R254	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R255	1-218-941-81	s	C-RES,V 100-1/16W J
R256	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R257	1-218-941-81	s	C-RES,V 100-1/16W J
R258	1-218-941-81	s	C-RES,V 100-1/16W J
R259	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R260	1-218-941-81	s	C-RES,V 100-1/16W J
R261	1-218-941-81	s	C-RES,V 100-1/16W J
R262	1-218-941-81	s	C-RES,V 100-1/16W J
R263	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R264	1-218-971-11	s	RESISTOR,CHIP 33K 1/16W (1005)
R265	1-218-971-11	s	RESISTOR,CHIP 33K 1/16W (1005)
R267	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R268	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R269	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R270	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R271	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R272	1-218-941-81	s	C-RES,V 100-1/16W J
R280	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R281	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R282	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R283	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R300	1-218-941-81	s	C-RES,V 100-1/16W J
R301	1-218-941-81	s	C-RES,V 100-1/16W J
R302	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R303	1-218-941-81	s	C-RES,V 100-1/16W J
R304	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R305	1-218-962-11	s	RESISTOR,CHIP 5.6K 1/16W(1005)
R306	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R307	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R309	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R310	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R311	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W

(C BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R313	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R314	1-218-941-81	s	C-RES,V 100-1/16W J
R315	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R316	1-218-941-81	s	C-RES,V 100-1/16W J
R317	1-218-941-81	s	C-RES,V 100-1/16W J
R318	1-218-941-81	s	C-RES,V 100-1/16W J
R319	1-218-943-11	s	RESISTOR,CHIP 150 1/16W
R320	1-218-943-11	s	RESISTOR,CHIP 150 1/16W
R321	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R322	1-218-917-11	s	RESISTOR,CHIP 820K 1/10W(1608)
R323	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R325	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R326	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R327	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R328	1-218-959-11	s	RESISTOR, CHIP 3.3K
R329	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R330	1-218-941-81	s	C-RES,V 100-1/16W J
R331	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R332	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R333	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R334	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R335	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R336	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R337	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R338	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R339	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R340	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R341	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R342	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R345	1-208-928-11	s	RESISTOR,CHIP 51K (1005)
R346	1-208-713-11	s	RESISTOR CHIP 18K 1/16W (1005)
R347	1-208-709-11	s	RESISTOR CHIP 12K 1/16W (1005)
R348	1-219-598-11	s	RESISTOR, CHIP 47K 1/16W(1005)
R349	1-208-920-11	s	RESISTOR,CHIP 24K 1/16W(1005)
R350	1-208-707-11	s	RESISTOR,CHIP 10K 1/16W (1005)
R351	1-219-598-11	s	RESISTOR, CHIP 47K 1/16W(1005)
R352	1-208-713-11	s	RESISTOR CHIP 18K 1/16W (1005)
R353	1-208-709-11	s	RESISTOR CHIP 12K 1/16W (1005)
R357	1-219-598-11	s	RESISTOR, CHIP 47K 1/16W(1005)
R358	1-208-713-11	s	RESISTOR CHIP 18K 1/16W (1005)
R359	1-208-707-11	s	RESISTOR,CHIP 10K 1/16W (1005)
R360	1-208-713-11	s	RESISTOR CHIP 18K 1/16W (1005)
R361	1-208-707-11	s	RESISTOR,CHIP 10K 1/16W (1005)
R362	1-208-713-11	s	RESISTOR CHIP 18K 1/16W (1005)
R363	1-208-713-11	s	RESISTOR CHIP 18K 1/16W (1005)
R365	1-208-711-11	s	RESISTOR CHIP 15K 1/16W (1005)
R367	1-208-711-11	s	RESISTOR CHIP 15K 1/16W (1005)
R368	1-208-711-11	s	RESISTOR CHIP 15K 1/16W (1005)
R369	1-208-711-11	s	RESISTOR CHIP 15K 1/16W (1005)
R370	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R371	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R372	1-218-941-81	s	C-RES,V 100-1/16W J
R373	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R375	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R376	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R377	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R378	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R379	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R380	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
R381	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R382	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R383	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R384	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R385	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R386	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R387	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R388	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R400	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R401	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R402	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R403	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R404	1-208-668-11	s	RES, METAL FILM CHIP 240(1005)
R405	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R406	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R407	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R408	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R409	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R410	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R411	1-218-941-81	s	C-RES,V 100-1/16W J
R412	1-218-941-81	s	C-RES,V 100-1/16W J
R413	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R414	1-218-941-81	s	C-RES,V 100-1/16W J
R415	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R416	1-218-941-81	s	C-RES,V 100-1/16W J
R417	1-218-941-81	s	C-RES,V 100-1/16W J
R418	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R419	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R421	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R423	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R424	1-218-941-81	s	C-RES,V 100-1/16W J
R431	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R433	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R435	1-219-570-11	s	RESISTOR,CHIP 10M 1/16W
R436	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R439	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R442	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R444	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R446	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R447	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R451	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R452	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R453	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R454	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R455	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R456	1-218-941-81	s	C-RES,V 100-1/16W J
R457	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R458	1-216-815-11	s	RESISTOR,CHIP 330 1/10W 1608
R459	1-216-815-11	s	RESISTOR,CHIP 330 1/10W 1608
R460	1-216-817-11	s	RESISTOR,CHIP 470 1/10W 1608
R500	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R501	1-218-937-11	s	RESISTOR, CHIP 47
R502	1-218-937-11	s	RESISTOR, CHIP 47
R503	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R504	1-218-937-11	s	RESISTOR, CHIP 47
R505	1-218-937-11	s	RESISTOR, CHIP 47
R508	1-218-937-11	s	RESISTOR, CHIP 47
R509	1-218-937-11	s	RESISTOR, CHIP 47
R511	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
R513	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R514	1-218-941-81	s	C-RES,V 100-1/16W J
R515	1-218-937-11	s	RESISTOR, CHIP 47
R516	1-218-937-11	s	RESISTOR, CHIP 47
R517	1-218-937-11	s	RESISTOR, CHIP 47
R519	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R520	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R521	1-218-941-81	s	C-RES,V 100-1/16W J
R522	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R523	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R524	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R525	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R526	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R527	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R528	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R529	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R530	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R533	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R534	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R535	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R536	1-218-937-11	s	RESISTOR, CHIP 47
R537	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R538	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R539	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R540	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R541	1-218-937-11	s	RESISTOR, CHIP 47
R542	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R543	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R544	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R545	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R546	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R547	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R548	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R549	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R550	1-218-937-11	s	RESISTOR, CHIP 47
R551	1-218-937-11	s	RESISTOR, CHIP 47
R552	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R602	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R604	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R608	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R609	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R610	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R611	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R612	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R613	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R614	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R615	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R616	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R617	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R618	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R619	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R620	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R621	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R622	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R623	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R624	1-218-941-81	s	C-RES,V 100-1/16W J
R625	1-216-053-00	s	RESISTOR CHIP 1.5K 1/10W(2012)
R626	1-216-053-00	s	RESISTOR CHIP 1.5K 1/10W(2012)
R627	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
R628	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R629	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R630	1-218-937-11	s	RESISTOR, CHIP 47
R650	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R651	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R653	1-208-717-11	s	RESISTOR CHIP 27K 1/16W (1005)
R655	1-208-701-11	s	RESISTOR CHIP 5.6K 1/16W(1005)
R656	1-208-707-11	s	RESISTOR,CHIP 10K 1/16W (1005)
R658	1-219-606-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R702	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R703	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R704	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R705	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R710	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R711	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R712	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R713	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R714	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R715	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R716	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R717	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R718	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R719	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R720	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R721	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R722	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R723	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R724	1-218-941-81	s	C-RES,V 100-1/16W J
R725	1-216-053-00	s	RESISTOR CHIP 1.5K 1/10W(2012)
R726	1-216-053-00	s	RESISTOR CHIP 1.5K 1/10W(2012)
R727	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R728	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R729	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R730	1-218-937-11	s	RESISTOR, CHIP 47
R802	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R803	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R804	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R805	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R806	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R807	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R810	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R811	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R812	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R813	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R814	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R815	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R816	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R817	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R818	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R819	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R820	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R821	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R822	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R823	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R824	1-218-941-81	s	C-RES,V 100-1/16W J
R825	1-216-053-00	s	RESISTOR CHIP 1.5K 1/10W(2012)
R826	1-216-053-00	s	RESISTOR CHIP 1.5K 1/10W(2012)
R827	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R828	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
R829	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R830	1-218-937-11	s	RESISTOR, CHIP 47
R900	1-218-941-81	s	C-RES,V 100-1/16W J
R901	1-218-941-81	s	C-RES,V 100-1/16W J
R902	1-218-941-81	s	C-RES,V 100-1/16W J
R905	1-218-941-81	s	C-RES,V 100-1/16W J
R906	1-218-941-81	s	C-RES,V 100-1/16W J
R907	1-208-701-11	s	RESISTOR CHIP 5.6K 1/16W(1005)
R908	1-208-691-11	s	RESISTOR CHIP 2.2K 1/16W(1005)
R909	1-208-695-11	s	RESISTOR CHIP 3.3K 1/16W(1005)
R910	1-218-971-11	s	RESISTOR,CHIP 33K 1/16W (1005)
R911	1-218-937-11	s	RESISTOR, CHIP 47
R912	1-218-937-11	s	RESISTOR, CHIP 47
R913	1-218-937-11	s	RESISTOR, CHIP 47
R914	1-218-937-11	s	RESISTOR, CHIP 47
R915	1-218-937-11	s	RESISTOR, CHIP 47
R916	1-218-937-11	s	RESISTOR, CHIP 47
R920	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R921	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R923	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R924	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R925	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R926	1-216-845-11	s	RESISTOR,CHIP 100K 1/10W(1608)
R928	1-216-845-11	s	RESISTOR,CHIP 100K 1/10W(1608)
R932	1-218-897-11	s	RESISTOR,CHIP 120K 1/10W(1608)
R933	1-218-937-11	s	RESISTOR, CHIP 47
R934	1-218-937-11	s	RESISTOR, CHIP 47
R935	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R936	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R937	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R938	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R939	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
RB200	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB201	1-234-377-21	s	RES, NETWORK 4.7KX4 (1005)
RB202	1-234-377-21	s	RES, NETWORK 4.7KX4 (1005)
RB203	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB204	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB205	1-234-375-21	s	RES, NETWORK 1KX4 (1005)
RB206	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB207	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB208	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB209	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB210	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB211	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB212	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB213	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB214	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB215	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB216	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB217	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB218	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB219	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB400	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB401	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB402	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB403	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB404	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB405	1-234-369-21	s	RES, NETWORK 10X4 (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
RB406	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB407	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB500	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB501	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB502	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB503	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB504	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB505	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB506	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB507	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB508	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB509	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB510	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB511	1-234-380-11	s	RESISTOE,NETWORK 47KX4 (1005)
RB512	1-234-380-11	s	RESISTOE,NETWORK 47KX4 (1005)
RB513	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB514	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB515	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB516	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB600	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB601	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB700	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB701	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB800	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB801	1-234-370-11	s	RES, NETWORK 22X4 (1005)
S500	1-771-337-21	s	SWITCH, SLIDE
TH200	1-803-382-11	s	THERMISTOR (10K)
TH201	1-803-382-11	s	THERMISTOR (10K)
TP100	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP101	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP102	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP103	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP104	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP200	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP201	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP400	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP401	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP500	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP501	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP502	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP503	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP504	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP505	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP506	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP507	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP508	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP509	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP510	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP511	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP512	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP513	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP514	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP515	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP600	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP601	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP602	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP603	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP604	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)

(C BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
TP650	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP651	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP652	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP653	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP700	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP701	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP702	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP703	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP704	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP800	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP801	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP802	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP803	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP804	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
X200	1-795-650-21	s	VIBRATOR, CRYSTAL
X400	1-795-650-21	s	VIBRATOR, CRYSTAL
X401	1-795-650-21	s	VIBRATOR, CRYSTAL

F BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1302-476-A	s	MOUNTED CIRCUIT BOARD, F
C501	⚠ 1-113-900-11	s	CAPACITOR,CERAMIC 470PF/250V
C502	⚠ 1-113-900-11	s	CAPACITOR,CERAMIC 470PF/250V
C504	⚠ 1-165-529-11	s	CAP, PETP FILM (ACROSS) 0.22MF
C505	⚠ 1-165-529-11	s	CAP, PETP FILM (ACROSS) 0.22MF
C506	⚠ 1-165-531-11	s	CAPACITOR, PETP FILM 1.00MF
C507	⚠ 1-165-530-11	s	CAPACITOR,FILM(ACROSS)0.47MF
CN501	⚠ 1-815-470-11	s	INLET, AC
CN502	⚠ 1-691-960-21	o	PIN, CONNECTOR (PC BOARD) 3P
F501	⚠ 1-576-233-12	s	FUSE (H.B.C.) 6.3A/250V
FH501	1-533-223-11	s	CLIP,FUSE
FH502	1-533-223-11	s	CLIP,FUSE
L501	⚠ 1-456-134-21	s	COIL, LINE FILTER
L502	⚠ 1-456-134-21	s	COIL, LINE FILTER
L503	⚠ 1-424-485-11	s	FILTER,LINE
R501	⚠ 1-220-825-11	s	RES, (SURGE RESISTANT) 330K
VDR501	⚠ 1-803-830-31	s	VARISTOR (ERZV14D621)

G BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1302-475-A	s	MOUNTED CIRCUIT BOARD, G
2pcs	7-682-648-09	s	SCREW +PS 3X8(EP-FE/ZNBK/CM2)
C602	1-137-639-11	s	CAPACITOR,PE FILM 0.47MF
C603	1-117-228-11	s	CAPACITOR,FILM 2.2MF/450V
C604	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C605	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C606	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C607	1-107-909-11	s	CAPACITOR,ELECT 47MF/50V
C608	1-125-898-91	s	C-CAP, 0.22-50 Z F
C609	⚠ 1-117-752-11	s	CAPACITOR, ELECT 330MF/450V
C700	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C701	1-136-479-11	s	CAPACITOR FILM 0.001MF/100V PP
C702	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C703	1-115-835-11	s	CAPACITOR,ELECT 330MF/50V(105)
C704	1-109-994-11	s	CAPACITOR,CHIP CERAMIC 2.2MF B
C705	1-127-692-11	s	CAP, CHIP CERAMIC 10MF B 3216
C706	1-126-967-11	s	CAPACITOR,ELECT 47MF/50V
C707	1-130-495-00	s	CAPACITOR FILM 0.1MF/50V PETP
C708	1-135-834-11	s	CAPACITOR, CERAMIC 2200000PF
C709	1-137-754-82	s	CAP, METALIZED PP FILM 6800PF
C711	⚠ 1-113-900-11	s	CAPACITOR,CERAMIC 470PF/250V
C712	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C713	1-115-789-11	s	CAPACITOR ELECT 1000MF/25V 105
C714	1-128-946-11	s	CAP, ELECT 2200MF / 10V
C715	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C716	1-115-790-11	s	CAPACITOR ELECT 1500MF/25V 105
C717	1-125-891-11	s	CAPACITOR CERAMIC 0.47MF/10V
C718	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C719	1-127-820-11	s	CAPACITOR, SQUARE CHIP 4.7MF
C720	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C724	1-125-891-11	s	CAPACITOR CERAMIC 0.47MF/10V
C729	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C732	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C734	1-107-911-11	s	CAPACITOR,ELECT 220MF/50V
C744	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C745	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C746	1-131-992-11	s	CAP, CERAMIC 100000PF F 1608
C747	1-115-713-91	s	CAPACITOR, ELECT 1200MF
C748	1-126-206-11	s	CAPACITOR, ELECT 100MF/6.3V
C749	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C751	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C850	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
CN600	⚠ 1-691-960-21	o	PIN, CONNECTOR (PC BOARD) 3P
CN601	1-691-960-11	o	PIN,CONNECTOR (PC BOARD) 3P
CN702	1-691-591-11	o	PIN,CONNECTOR (8P)(SMD)(1.5MM)
CN703	1-766-376-11	s	PIN, CONNECTOR (1.5MM)(SMD) 9P
CN705	1-766-382-11	s	PIN, CONNECTOR (10P)(SMD)(1.5M
CN706	1-764-177-11	s	PIN,CONNECTOR (7P)(SMD)(1.5MM)
D600	8-719-022-14	s	DIODE UZM13B
D601	8-719-055-30	s	DIODE D1FS4A-TA
D602	⚠ 8-719-066-75	s	DIODE D6SB80
D603	8-719-055-30	s	DIODE D1FS4A-TA
D604	8-719-304-63	s	DIODE RM11C (RECTI)
D701	8-719-107-13	s	DIODE RD18M-B1
D702	8-719-110-42	s	DIODE RD15ES-B3
D703	8-719-055-30	s	DIODE D1FS4A-TA
D704	8-719-110-42	s	DIODE RD15ES-B3
D705	8-719-979-64	s	DIODE UF4005PKG23

(G BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
D706	8-719-118-18	s	DIODE RD39M-B
D707	8-719-057-85	s	DIODE D2FS4-TA
D708	8-719-510-09	s	DIODE D10SC6M (RECTI)
D712	8-719-510-09	s	DIODE D10SC6M (RECTI)
D713	8-719-106-23	s	DIODE RD7.5M-B2
D715	8-719-510-09	s	DIODE D10SC6M (RECTI)
D716	8-719-073-01	s	DIODE MA111-(K8).S0
D717	8-719-073-01	s	DIODE MA111-(K8).S0
D718	8-719-073-01	s	DIODE MA111-(K8).S0
D719	8-719-073-01	s	DIODE MA111-(K8).S0
D720	8-719-073-01	s	DIODE MA111-(K8).S0
D721	8-719-073-01	s	DIODE MA111-(K8).S0
D722	8-719-073-01	s	DIODE MA111-(K8).S0
D724	8-719-073-01	s	DIODE MA111-(K8).S0
D730	8-719-057-85	s	DIODE D2FS4-TA
D731	8-719-106-23	s	DIODE RD7.5M-B2
FB701	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
IC600	8-749-015-27	s	IC MZ1540
IC701	8-759-388-23	s	IC TL431BCDR2
IC724	6-704-841-01	s	IC AIC1117A-50PEJTR
IC725	8-759-066-55	s	IC TA75W393FU
IC730	8-759-485-63	s	IC MAX1626ESA-TE2
IC731	6-705-810-01	s	IC MCZ3001DB
L601	⚠ 1-419-987-11	s	COIL, CHOKE 1290UH
L602	⚠ 1-456-173-11	s	COIL, CHOKE
L602	1-456-173-21	s	COIL, CHOKE 250UH
L703	1-406-972-11	s	COIL, CHOKE 15UH
L704	1-424-918-21	s	COIL, CHOKE (SMD) 10UH
PH700	⚠ 8-749-016-82	s	PHOTO COUPLER PC123GY2
PH701	⚠ 8-749-016-82	s	PHOTO COUPLER PC123GY2
PH702	⚠ 8-749-016-82	s	PHOTO COUPLER PC123GY2
Q600	8-729-230-27	s	TRANSISTOR 2SA1213Y-TE12L
Q700	⚠ 8-729-052-29	s	TRANSISTOR 2SK2876-01MR-F122
Q702	8-729-230-49	s	TRANSISTOR 2SC2712-YG
Q703	8-729-216-22	s	TRANSISTOR 2SA1162-G
Q704	8-729-230-49	s	TRANSISTOR 2SC2712-YG
Q705	8-729-230-49	s	TRANSISTOR 2SC2712-YG
Q707	8-729-048-69	s	TRANSISTOR 2SJ530S-TL
Q709	8-729-230-49	s	TRANSISTOR 2SC2712-YG
Q711	8-729-048-69	s	TRANSISTOR 2SJ530S-TL
Q712	⚠ 8-729-052-29	s	TRANSISTOR 2SK2876-01MR-F122
Q713	8-729-048-69	s	TRANSISTOR 2SJ530S-TL
Q717	8-729-230-27	s	TRANSISTOR 2SA1213Y-TE12L
Q718	8-729-047-32	s	TRANSISTOR SI4425DY-T1
Q720	8-729-230-49	s	TRANSISTOR 2SC2712-YG
R600	⚠ 1-219-363-11	s	RESISTOR, CEMENT 5.6/5W (FUSE)
R601	1-218-861-11	s	RESISTOR,CHIP 3.9K 1/10W(1608)
R602	1-220-269-11	s	RESISTOR, CHIP 330 1/2W (4532)
R603	1-218-863-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R604	1-220-269-11	s	RESISTOR, CHIP 330 1/2W (4532)
R606	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R607	1-219-738-11	s	RES, 0.08 (RESISTOR, METAL)
R700	1-249-389-11	s	RES,CARBON 4.7 1/4W
R701	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R703	1-218-873-11	s	RESISTOR,CHIP 12K 1/10W (1608)
R704	1-218-843-11	s	RESISTOR,CHIP 680 1/10W (1608)

(G BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R705	1-216-836-11	s	RESISTOR, CHIP 18K 1/10W 1608
R706	1-218-877-11	s	RESISTOR,CHIP 18K 1/10W (1608)
R707	1-220-338-11	s	RESISTOR,CHIP 330K 1/2W (4532)
R708	1-220-338-11	s	RESISTOR,CHIP 330K 1/2W (4532)
R709	1-220-338-11	s	RESISTOR,CHIP 330K 1/2W (4532)
R710	1-216-797-11	s	RESISTOR,CHIP 10 1/10W 1608
R711	1-216-797-11	s	RESISTOR,CHIP 10 1/10W 1608
R712	1-249-417-11	s	RESISTOR,CARBON 1K 1/4W(SMALL)
R713	1-216-815-11	s	RESISTOR,CHIP 330 1/10W 1608
R714	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R715	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R717	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R718	1-202-933-61	s	RESISTOR, FUSE 0.1 1/2W
R719	1-220-993-91	s	RESISTOR,CHIP 0.68 5025
R722	1-216-845-11	s	RESISTOR,CHIP 100K 1/10W(1608)
R723	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R724	1-249-393-11	s	RES,CARBON 10 1/4W
R725	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/10W(1608)
R726	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/10W(1608)
R728	1-216-834-11	s	RESISTOR,CHIP 12K 1/16W 1608
R729	1-216-817-11	s	RESISTOR,CHIP 470 1/10W 1608
R730	1-216-827-11	s	RESISTOR, CHIP 3.3K 1/10W 1608
R731	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R732	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R733	1-218-859-11	s	RESISTOR,CHIP 3.3K 1/10W(1608)
R734	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R735	1-218-857-11	s	RESISTOR,CHIP 2.7K 1/10W(1608)
R736	1-218-861-11	s	RESISTOR,CHIP 3.9K 1/10W(1608)
R737	1-218-887-11	s	RESISTOR,CHIP 47K 1/10W (1608)
R738	1-218-855-11	s	RESISTOR,CHIP 2.2K 1/10W(1608)
R739	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R740	1-216-827-11	s	RESISTOR, CHIP 3.3K 1/10W 1608
R741	1-216-845-11	s	RESISTOR,CHIP 100K 1/10W(1608)
R742	1-216-827-11	s	RESISTOR, CHIP 3.3K 1/10W 1608
R743	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R744	1-216-827-11	s	RESISTOR, CHIP 3.3K 1/10W 1608
R745	1-216-845-11	s	RESISTOR,CHIP 100K 1/10W(1608)
R746	1-216-827-11	s	RESISTOR, CHIP 3.3K 1/10W 1608
R747	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R748	1-216-839-11	s	RESISTOR,CHIP 33K 1/10W 1608
R749	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/10W 1608
R750	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R751	1-216-837-11	s	RESISTOR,CHIP 22K 1/16W 1608
R753	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R754	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R755	1-216-817-11	s	RESISTOR,CHIP 470 1/10W 1608
R756	1-216-817-11	s	RESISTOR,CHIP 470 1/10W 1608
R758	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R759	1-220-993-91	s	RESISTOR,CHIP 0.68 5025
R760	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/10W(1608)
R761	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R770	1-249-389-11	s	RES,CARBON 4.7 1/4W
R771	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/10W 1608
R772	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R774	1-243-631-11	s	FIXED RESISTOR 30M
R775	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R776	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R777	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R778	1-216-834-11	s	RESISTOR,CHIP 12K 1/16W 1608

(G BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R780	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R799	1-249-393-11	s	RES,CARBON 10 1/4W
RY600	⚠ 1-755-395-11	s	RELAY (AC POWER)
T700	⚠ 1-437-301-11	s	TRANSFORMER, CONVERTER (PIT)

HA BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1405-986-A	s	MOUNTED CIRCUIT BOARD, HA
CN63	1-770-629-21	s	PIN, CONNECTOR 12P
CN64	1-770-625-21	s	PIN, CONNECTOR 8P
R64	1-218-963-11	s	RESISTOR,CHIP 6.8K 1/16W
R66	1-218-960-11	s	RESISTOR, CHIP 3.9K 1/16W
R68	1-218-966-11	s	RESISTOR, CHIP 12K
R69	1-218-958-11	s	RESISTOR,CHIP 2.7K 1/16W(1005)
R71	1-218-960-11	s	RESISTOR, CHIP 3.9K 1/16W
R72	1-218-955-11	s	RESISTOR, CHIP 1.5K
R73	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R74	1-218-955-11	s	RESISTOR, CHIP 1.5K
R75	1-218-967-11	s	RESISTOR,CHIP 15K 1/16W (1608)
R76	1-218-956-11	s	RESISTOR, CHIP 1.8K
R77	1-218-956-11	s	RESISTOR, CHIP 1.8K
S62	1-771-105-11	s	SWITCH, TACTILE
S63	1-771-105-11	s	SWITCH, TACTILE
S64	1-771-105-11	s	SWITCH, TACTILE
S66	1-771-105-11	s	SWITCH, TACTILE
S67	1-771-105-11	s	SWITCH, TACTILE
S68	1-771-105-11	s	SWITCH, TACTILE
S69	1-771-105-11	s	SWITCH, TACTILE
S70	1-771-105-11	s	SWITCH, TACTILE

HB BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1405-987-A	s	MOUNTED CIRCUIT BOARD, HB
C61	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
CN61	1-770-629-21	s	PIN, CONNECTOR 12P
CN62	1-770-629-21	s	PIN, CONNECTOR 12P
D61	8-719-914-44	s	DIODE DAP202K (DUAL)
D62	8-719-914-43	s	DIODE DAN202K
D63	8-719-914-44	s	DIODE DAP202K (DUAL)
D64	8-719-914-43	s	DIODE DAN202K
R61	1-218-970-11	s	RESISTOR CHIP 27K 1/16W (1005)
R62	1-218-966-11	s	RESISTOR, CHIP 12K
R63	1-218-963-11	s	RESISTOR,CHIP 6.8K 1/16W
R65	1-218-960-11	s	RESISTOR, CHIP 3.9K 1/16W
R67	1-218-958-11	s	RESISTOR,CHIP 2.7K 1/16W(1005)
R70	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R86	1-218-959-11	s	RESISTOR, CHIP 3.3K
S61	1-786-409-12	s	SWITCH, TACTILE
S65	1-771-105-11	s	SWITCH, TACTILE

HC BOARD

Ref. No. or Q'ty	Part No.	SP	Description	
1pc	A-1405-994-A	s	MOUNTED CIRCUIT BOARD, HC	
C81	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V	
CN81	1-770-625-21	s	PIN, CONNECTOR 8P	
D81	8-719-045-61	s	DIODE SEC1901C	
D82	8-719-045-61	s	DIODE SEC1901C	
D83	8-719-045-51	s	DIODE SEC2422C	
D84	8-719-045-53	s	DIODE SEC1801C	
D85	8-719-914-44	s	DIODE DAP202K	(DUAL)
D86	8-719-914-43	s	DIODE DAN202K	
D87	8-719-914-44	s	DIODE DAP202K	(DUAL)
D88	8-719-914-43	s	DIODE DAN202K	
D89	8-719-914-44	s	DIODE DAP202K	(DUAL)
D90	8-719-914-43	s	DIODE DAN202K	
Q81	8-729-028-91	s	TRANSISTOR DTA144EUA-T106	
Q82	8-729-028-91	s	TRANSISTOR DTA144EUA-T106	
Q83	8-729-040-87	s	TRANSISTOR 2SJ463A-T1	
Q84	8-729-028-91	s	TRANSISTOR DTA144EUA-T106	
Q85	8-729-028-91	s	TRANSISTOR DTA144EUA-T106	
R81	1-218-941-81	s	C-RES,V 100-1/16W J	
R82	1-218-941-81	s	C-RES,V 100-1/16W J	
R83	1-218-941-81	s	C-RES,V 100-1/16W J	
R84	1-218-941-81	s	C-RES,V 100-1/16W J	
R85	1-218-941-81	s	C-RES,V 100-1/16W J	

L BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1405-996-A	s	MOUNTED CIRCUIT BOARD, L
C31	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
CN31	1-784-650-21	s	CONNECTOR 2P
D31	6-500-318-01	s	DIODE NSCW100
R31	1-218-941-81	s	C-RES,V 100-1/16W J

MS BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1302-654-A	s	MOUNTED CIRCUIT BOARD, MS
C1007	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C1008	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1010	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C1011	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1012	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1013	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1014	1-115-467-11	s	CAPACITOR CERAMIC 0.22MF/10V B
C1015	1-164-935-11	s	CAPACITOR,CHIP CERAMIC 470PF
C1016	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C1017	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1018	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1019	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1020	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1021	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1022	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1023	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1024	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1025	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1027	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1028	1-164-505-11	s	CAPACITOR,CHIP CERAMIC 2.2MF
C1029	1-117-370-11	s	CAPACITOR CERAMIC 10MF (3216)
C1030	1-117-370-11	s	CAPACITOR CERAMIC 10MF (3216)
C1031	1-117-720-11	s	CAPACITOR, CERAMIC 4.7MF/10V F
C1032	1-117-720-11	s	CAPACITOR, CERAMIC 4.7MF/10V F
C1037	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1039	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1040	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1041	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1042	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1043	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1044	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C1045	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C1302	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1304	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1305	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C1306	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2001	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2002	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C2003	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2004	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C2005	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2006	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C2007	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2008	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2009	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2010	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2011	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2012	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2013	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2014	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2015	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2016	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2017	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2018	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2019	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2020	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2021	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F

(MS BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C2022	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2023	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2024	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2025	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2026	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2027	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2028	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2029	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2030	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2031	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3001	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C3002	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3003	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3004	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3005	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3006	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3007	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3008	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3009	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C3010	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3011	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3012	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3013	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3014	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3015	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3016	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3017	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C3018	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3019	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3020	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3021	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3022	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C3023	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3024	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
CN1001	1-785-613-11	o	CONNECTOR, FFC/FPC 50P
CN1304	1-815-368-13	s	CONNECTOR, CARD (MEMORY STICK)
CN2001	1-770-627-21	s	PIN, CONNECTOR 10P
D1001	8-719-045-61	s	DIODE SEC1901C
D1301	8-719-045-61	s	DIODE SEC1901C
D1302	8-719-059-53	s	DIODE MA3J14700LSO
D1303	8-719-059-53	s	DIODE MA3J14700LSO
D1304	8-719-059-53	s	DIODE MA3J14700LSO
D1305	8-719-059-53	s	DIODE MA3J14700LSO
FB1001	1-400-150-11	s	FERRITE, EMI (SMD)
FB1003	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1004	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1005	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1006	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1007	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1008	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1009	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1013	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1014	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1015	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1016	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1017	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB2001	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB2002	1-469-670-11	o	FERRITE, EMI (SMD)

(MS BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
FB2003	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB3001	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB3002	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB3003	1-414-921-11	s	INDUCTOR, FERRITE BEAD
IC1002	6-700-953-01	s	IC LM1117MPX-1.8
IC1004	8-759-331-27	s	IC MM1096AFF
IC1005	6-702-607-01	s	IC MB93491
IC1006	8-759-661-55	s	IC ST24FC21M6TR
IC1007	8-759-665-50	s	IC AK4352VT-E2
IC1009	8-759-549-14	s	IC SN74LV244APWR
IC1012	8-759-082-60	s	IC TC7S66FU
IC1013	8-759-082-60	s	IC TC7S66FU
IC1014	8-759-575-16	s	IC LMC7101BIM5X
IC1015	8-759-575-16	s	IC LMC7101BIM5X
IC3001	6-702-511-11	s	IC MT48LC8M16A2TG-75-Y95WT
IC3002	6-702-511-11	s	IC MT48LC8M16A2TG-75-Y95WT
IC3003	6-803-781-01	s	IC MBM29LV160BE-90TN-57MS
IC3004	6-702-812-11	s	IC CY27027ZZCT
L1001	1-414-770-91	s	INDUCTOR 4.7UH
L3001	1-469-058-11	s	INDUCTOR 22UH
Q1001	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q1002	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q1004	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q1007	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q1301	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q1302	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q1303	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q2001	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
R1005	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R1006	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R1007	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1008	1-218-989-11	s	RESISTOR,CHIP 1M 1/16W (1005)
R1009	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1010	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1011	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1012	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1013	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1014	1-218-941-81	s	C-RES,V 100-1/16W J
R1015	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1016	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R1017	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R1018	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R1019	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1020	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1021	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1023	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1031	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1032	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1033	1-219-606-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R1034	1-219-606-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R1035	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R1036	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R1041	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1045	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1047	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1048	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1049	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1056	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)

(MS BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R1062	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1064	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1065	1-218-941-81	s	C-RES,V 100-1/16W J
R1067	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1068	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1070	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1071	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1075	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1076	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R1081	1-219-606-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R1082	1-219-606-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R1083	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R1084	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R1085	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1086	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1087	1-218-941-81	s	C-RES,V 100-1/16W J
R1088	1-218-941-81	s	C-RES,V 100-1/16W J
R1090	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R1201	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1301	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1302	1-218-937-11	s	RESISTOR, CHIP 47
R1303	1-218-941-81	s	C-RES,V 100-1/16W J
R1305	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R1306	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R1311	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R2001	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R2002	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R2003	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R2004	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R2005	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R2006	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R2007	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R2008	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R2009	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R2010	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R2011	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R2012	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R2013	1-218-937-11	s	RESISTOR, CHIP 47
R2014	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R2015	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R2016	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R2017	1-218-941-81	s	C-RES,V 100-1/16W J
R2018	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R2019	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R2020	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R2021	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R2022	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R2023	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R2025	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R2026	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R2027	1-218-941-81	s	C-RES,V 100-1/16W J
R3001	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R3002	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R3003	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R3004	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R3005	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R3006	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R3007	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R3008	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)

(MS BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R3009	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R3010	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R3011	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R3012	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
RB1001	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1002	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1003	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1004	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1005	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1006	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1007	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1008	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1009	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1010	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1011	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1012	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1013	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1014	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1015	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1016	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1017	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1018	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1019	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1020	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1021	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1022	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB1023	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB1024	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB2001	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB2002	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB2003	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB2004	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB2005	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB2006	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB2007	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB2008	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB2009	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB3001	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3002	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3003	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3004	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3005	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3006	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3007	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3008	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3009	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3010	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3011	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3012	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3013	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3014	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3015	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3016	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3017	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3018	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3019	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3020	1-234-371-11	s	RES, NETWORK 47X4 (1005)
TP1001	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)

(MS BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
TP1003	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP1004	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP1005	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP1006	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP1007	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP1008	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP1009	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP1010	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP3001	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
X3001	1-795-690-22	s	OSCILLATOR, CRYSTAL (SMD)

NF BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1405-995-A	s	MOUNTED CIRCUIT BOARD, NF
C11	1-115-156-11	s	CAPACITOR,CERAMIC 1MF/10V(1608
CN11	1-770-620-21	s	PIN, CONNECTOR 3P
IC11	8-749-012-17	s	IC RS-140-T
R11	1-218-937-11	s	RESISTOR, CHIP 47
R12	1-218-941-81	s	C-RES,V 100-1/16W J

NR BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1405-988-A	s	MOUNTED CIRCUIT BOARD, NR
C21	1-115-156-11	s	CAPACITOR,CERAMIC 1MF/10V(1608
C22	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
CN21	1-770-621-21	s	PIN, CONNECTOR 4P
IC21	8-749-012-17	s	IC RS-140-T
R21	1-218-937-11	s	RESISTOR, CHIP 47
R22	1-218-941-81	s	C-RES,V 100-1/16W J
TH021	1-803-382-11	s	THERMISTOR (10K)

QA BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1302-477-A	s	MOUNTED CIRCUIT BOARD, QA
C10	1-125-837-91	s	CAPACITOR,CHIP CERAMIC1MF/6.3V
C11	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C12	1-162-921-11	s	CAPACITOR,CERAMIC 33PF/50V CH
C13	1-162-921-11	s	CAPACITOR,CERAMIC 33PF/50V CH
C14	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C15	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C16	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
CN10	1-794-962-11	s	CONNECTOR, SQUARE TYPE 5P
CN11	1-694-242-11	s	TERMINAL, S
CN12	1-785-946-11	s	CONNECTOR 3P
CN13	1-793-798-21	o	CONNECTOR, BOARD TO BOARD
D11	8-719-036-80	s	DIODE RD3.9SB
D14	8-719-036-80	s	DIODE RD3.9SB
D15	8-719-988-61	s	DIODE 1SS355TE-17
FB10	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB11	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB12	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB13	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB14	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB15	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB16	1-414-921-11	s	INDUCTOR, FERRITE BEAD
IC10	6-701-707-01	s	IC ST72T631K4M1-201
J10	1-816-949-11	o	PIN JACK 3P
J11	1-785-549-41	o	JACK, PIN YELLOW
Q10	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
R10	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R11	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R12	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R13	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R14	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R15	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R16	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R17	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R18	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/10W(1608)
R19	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R20	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R21	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/10W 1608
R22	1-216-837-11	s	RESISTOR,CHIP 22K 1/16W 1608
R23	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R24	1-216-857-11	s	RESISTOR,CHIP 1M 1/10W(1608)
R25	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R26	1-216-823-11	s	RESISTOR, CHIP 1.5K 1/10W
R27	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R28	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R29	1-216-805-11	s	RESISTOR,CHIP 47 1/10W 1608
R30	1-216-805-11	s	RESISTOR,CHIP 47 1/10W 1608
R31	1-216-805-11	s	RESISTOR,CHIP 47 1/10W 1608
X10	1-781-994-21	s	VIBRATOR, CRYSTAL

QB BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1302-478-A	s	MOUNTED CIRCUIT BOARD, QB
C101	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C102	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C103	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C202	1-126-206-11	s	CAPACITOR, ELECT 100MF/6.3V
C203	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C205	1-126-206-11	s	CAPACITOR, ELECT 100MF/6.3V
C206	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C207	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C208	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C209	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C210	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C211	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C212	1-128-390-11	s	CAPACITOR ELECT 220MF/6.3V
C213	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C214	1-164-505-11	s	CAPACITOR,CHIP CERAMIC 2.2MF
C215	1-126-206-11	s	CAPACITOR, ELECT 100MF/6.3V
C216	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C217	1-164-505-11	s	CAPACITOR,CHIP CERAMIC 2.2MF
C218	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C219	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C220	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C221	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C224	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C225	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C235	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C236	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C237	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C301	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C304	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C305	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C306	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C307	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C308	1-128-390-11	s	CAPACITOR ELECT 220MF/6.3V
C309	1-164-505-11	s	CAPACITOR,CHIP CERAMIC 2.2MF
C310	1-126-206-11	s	CAPACITOR, ELECT 100MF/6.3V
C311	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C312	1-126-206-11	s	CAPACITOR, ELECT 100MF/6.3V
C313	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C314	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C315	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C316	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C317	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C318	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C319	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C320	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C321	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C322	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C323	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C324	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C325	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C326	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C327	1-128-390-11	s	CAPACITOR ELECT 220MF/6.3V
C328	1-164-505-11	s	CAPACITOR,CHIP CERAMIC 2.2MF
C329	1-137-710-91	s	CAPACITOR,CERAMIC 10MF B(2012)
C330	1-165-176-11	s	CAPACITOR,CERAMIC 47000PF/16V
C331	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C332	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B

(QB BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C333	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C334	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C335	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C336	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C337	1-164-505-11	s	CAPACITOR,CHIP CERAMIC 2.2MF
C338	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
CN101	1-815-914-11	s	CONNECTOR, SQUARE TYPE (32P)
CN102	1-793-798-21	o	CONNECTOR, BOARD TO BOARD
CN103	1-785-306-21	o	CONNECTOR, BOARD TO BOARD
CN201	1-816-228-11	s	CONNECTOR, DIV
CN301	1-817-733-11	s	HDMI CONNECTOR
D103	8-719-073-11	s	DIODE BZA456A
D104	8-719-073-11	s	DIODE BZA456A
D105	8-719-941-86	s	DIODE DAN202U
D201	8-719-069-55	s	DIODE UDZS-TE17-5.6B
D202	8-719-069-55	s	DIODE UDZS-TE17-5.6B
D204	8-719-024-77	s	DIODE HN1D03FU-TE85L
D205	8-719-024-77	s	DIODE HN1D03FU-TE85L
D206	8-719-024-77	s	DIODE HN1D03FU-TE85L
D207	8-719-024-77	s	DIODE HN1D03FU-TE85L
D208	8-719-941-86	s	DIODE DAN202U
D302	8-719-069-55	s	DIODE UDZS-TE17-5.6B
D303	8-719-069-55	s	DIODE UDZS-TE17-5.6B
D308	8-719-941-86	s	DIODE DAN202U
D309	8-719-941-86	s	DIODE DAN202U
D310	8-719-941-86	s	DIODE DAN202U
FB101	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB204	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB206	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB207	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB208	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB301	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB302	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB303	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB304	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB305	1-469-670-11	o	FERRITE, EMI (SMD)
FB307	1-414-921-11	s	INDUCTOR, FERRITE BEAD
IC101	8-759-661-55	s	IC ST24FC21M6TR
IC102	8-759-596-39	s	IC SN74LV4052APWR
IC206	6-703-225-01	s	IC S-80928CNMC-G8YT2G
IC205	----------		IC SII169CT100
Note	If this IC has failed, replace the whole QB board.		
IC212	8-759-596-39	s	IC SN74LV4052APWR
IC213	----------		IC BR24L02F-WE2
Note	If this IC has failed, replace the whole QB board.		
IC302	----------		IC BR24L02F-WE2
Note	If this IC has failed, replace the whole QB board.		
IC303	8-759-596-39	s	IC SN74LV4052APWR
IC304	6-703-225-01	s	IC S-80928CNMC-G8YT2G
IC305	6-704-499-01	s	IC SII9993CTG100
L201	1-414-754-11	s	INDUCTOR 10.0UH
L202	1-414-754-11	s	INDUCTOR 10.0UH
L301	1-414-754-11	s	INDUCTOR 10.0UH
L302	1-414-754-11	s	INDUCTOR 10.0UH
L303	1-414-754-11	s	INDUCTOR 10.0UH
L304	1-414-754-11	s	INDUCTOR 10.0UH

(QB BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
Q101	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q203	6-550-014-01	s	TRANSISTOR SSM6N15FU(TE85R)
Q302	6-550-014-01	s	TRANSISTOR SSM6N15FU(TE85R)
Q303	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q304	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
R101	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R102	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R103	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R104	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R105	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R106	1-216-813-11	s	RESISTOR, CHIP 220 1/10W 1608
R107	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R108	1-216-805-11	s	RESISTOR,CHIP 47 1/10W 1608
R109	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R110	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R111	1-216-805-11	s	RESISTOR,CHIP 47 1/10W 1608
R112	1-216-835-11	s	RESISTOR,CHIP 15K 1/10W
R113	1-216-835-11	s	RESISTOR,CHIP 15K 1/10W
R114	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R115	1-216-805-11	s	RESISTOR,CHIP 47 1/10W 1608
R116	1-216-805-11	s	RESISTOR,CHIP 47 1/10W 1608
R117	1-216-805-11	s	RESISTOR,CHIP 47 1/10W 1608
R153	1-216-837-11	s	RESISTOR,CHIP 22K 1/16W 1608
R201	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R209	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R210	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R217	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R223	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R224	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R229	1-216-805-11	s	RESISTOR,CHIP 47 1/10W 1608
R230	1-216-805-11	s	RESISTOR,CHIP 47 1/10W 1608
R231	1-216-805-11	s	RESISTOR,CHIP 47 1/10W 1608
R232	1-216-805-11	s	RESISTOR,CHIP 47 1/10W 1608
R233	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R234	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R235	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R236	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R237	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R240	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R241	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R245	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R246	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R248	1-216-805-11	s	RESISTOR,CHIP 47 1/10W 1608
R249	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R252	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R253	1-216-805-11	s	RESISTOR,CHIP 47 1/10W 1608
R254	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R301	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/10W(1608)
R306	1-216-805-11	s	RESISTOR,CHIP 47 1/10W 1608
R307	1-216-805-11	s	RESISTOR,CHIP 47 1/10W 1608
R308	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R309	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R310	1-216-805-11	s	RESISTOR,CHIP 47 1/10W 1608
R311	1-216-805-11	s	RESISTOR,CHIP 47 1/10W 1608
R312	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R313	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R314	1-216-805-11	s	RESISTOR,CHIP 47 1/10W 1608
R315	1-216-805-11	s	RESISTOR,CHIP 47 1/10W 1608
R316	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)

(QB BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R317	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R318	1-216-805-11	s	RESISTOR,CHIP 47 1/10W 1608
R319	1-216-805-11	s	RESISTOR,CHIP 47 1/10W 1608
R321	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R322	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R323	1-216-805-11	s	RESISTOR,CHIP 47 1/10W 1608
R324	1-216-797-11	s	RESISTOR,CHIP 10 1/10W 1608
R325	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R326	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R327	1-216-805-11	s	RESISTOR,CHIP 47 1/10W 1608
R328	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R329	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R330	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R331	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R332	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R333	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R334	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/10W(1608)
R335	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R336	1-216-805-11	s	RESISTOR,CHIP 47 1/10W 1608
R337	1-216-805-11	s	RESISTOR,CHIP 47 1/10W 1608
R338	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
RB101	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB201	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB202	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB203	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB204	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB205	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB206	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB207	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB208	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB209	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB210	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB211	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB212	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB301	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB302	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB303	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB304	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB305	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB306	1-234-370-11	s	RES, NETWORK 22X4 (1005)
TP101	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP201	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP301	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)

U BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1405-984-A	s	MOUNTED CIRCUIT BOARD, U
CN41	1-770-620-21	s	PIN, CONNECTOR 3P
S41	⚠ 1-762-984-11	s	SWITCH, PUSH
S42	⚠ 1-762-984-11	s	SWITCH, PUSH

4-4. Packing Materials & Supplied Accessories

```
--------------------------------------
PACKING MATERIALS & SUPPLIED ACCESSORIES
--------------------------------------
 Ref. No.
 or Q'ty  Part No.    SP Description

 1pc      1-477-604-11 s REMOTE COMMANDER (RM-PJHS10)
 1pc      9-885-028-14 s BATTERY COVER (FOR RM-PJHS10)
 1pc    ⚠ ------------   CORD,POWER
(See Sec.1-6. Warning on Power Connection)
 1pc      1-824-821-11 s CORD WITH CONNECTOR(AVMONITOR)
 1pc      3-704-353-01 s SHEET (STANDARD), PROTECTION

 1pc      4-099-551-01 o OPERATING INSTRUCTIONS
                         (JAPANESE,SIMPLIFIED CHINESE)
 1pc      4-099-551-11 o OPERATING INSTRUCTIONS
                         (ENGLISH,FRENCH,SPANISH)
 1pc      4-099-551-21 o OPERATING INSTRUCTIONS
                         (GERMAN,ITALIAN)
```

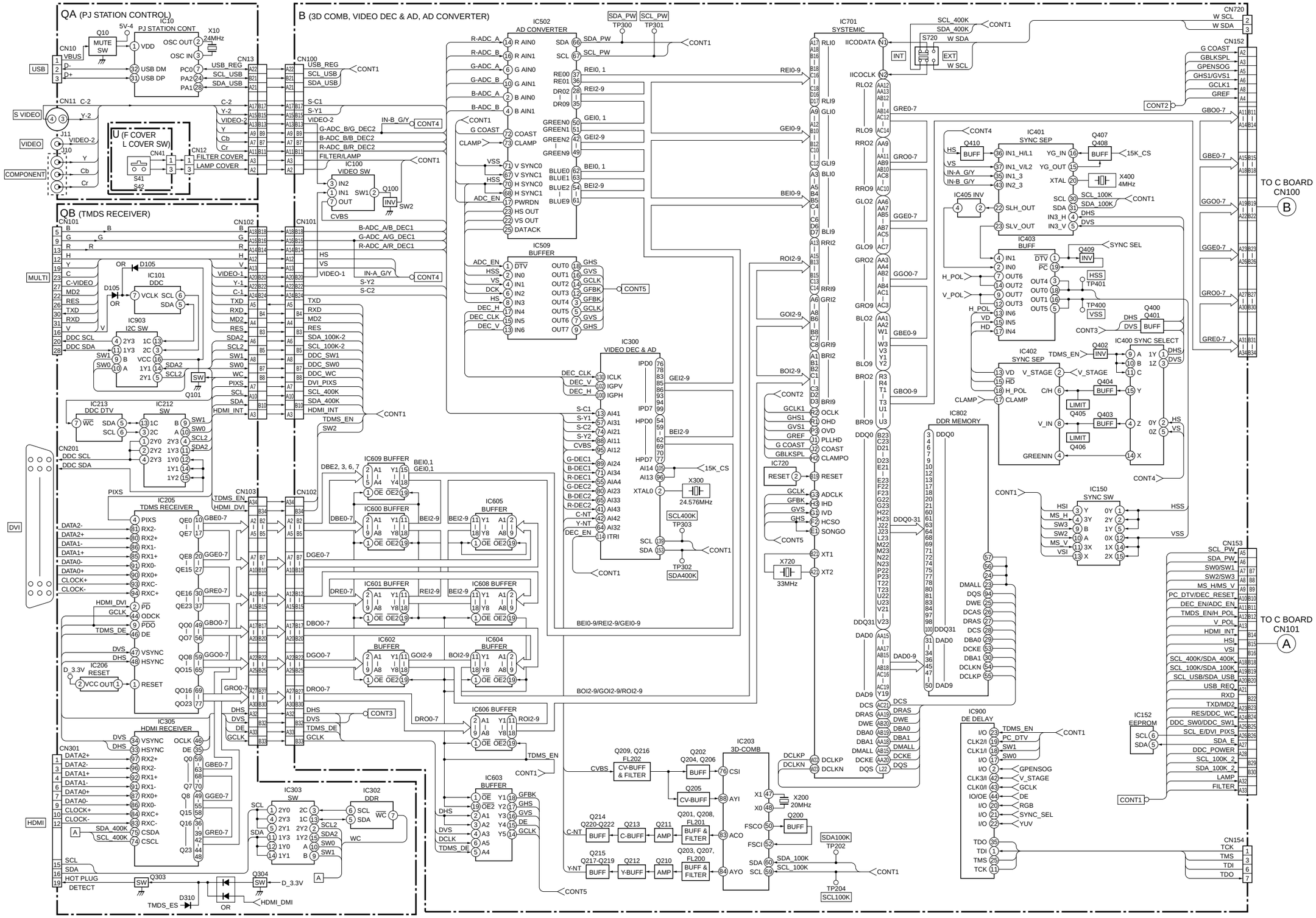
4-5. VPLL-CT10

```
--------------------------------------
PACKING MATERIALS & SUPPLIED ACCESSORIES
--------------------------------------
 Ref. No.
 or Q'ty  Part No.    SP Description

 1pc      4-084-808-01 o MANUAL, INSTRUCTION
                         (JAPANESE,SIMPLIFIED CHINESE,
                          ENGLISH,FRENCH,SPANISH,GERMAN,ITALIAN)
 1pc      4-085-233-01 o CAP (CT), LENS
 1pc      7-682-973-09 s SCREW +PSW 5X8
```

4-6. VPLL-CW10

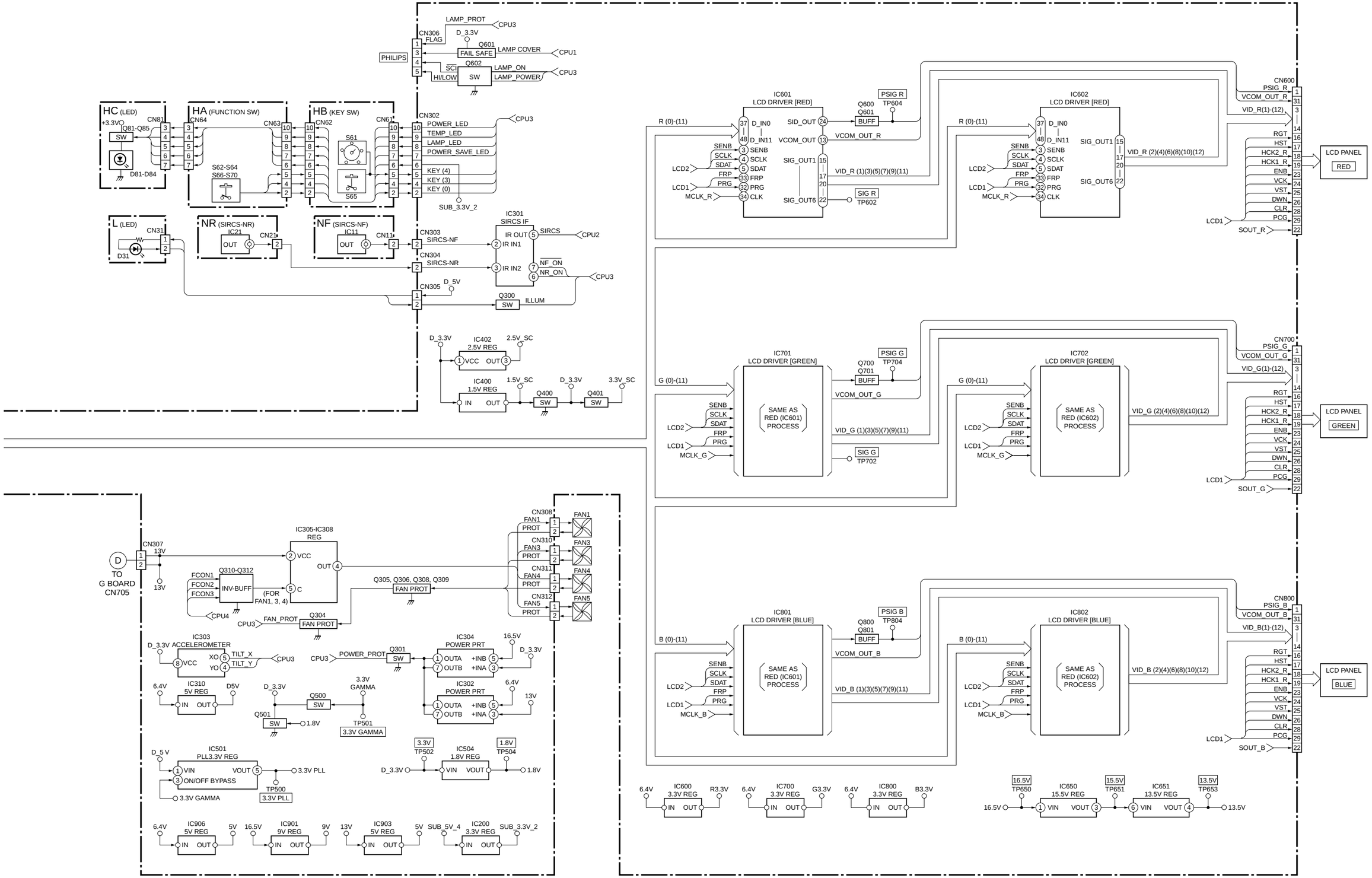
```
--------------------------------------
PACKING MATERIALS & SUPPLIED ACCESSORIES
--------------------------------------
 Ref. No.
 or Q'ty  Part No.    SP Description

 1pc      4-084-806-01 o MANUAL, INSTRUCTION
                         (JAPANESE,SIMPLIFIED CHINESE,
                         ENGLISH,FRENCH,SPANISH,GERMAN,ITALIAN)
 1pc      4-085-232-01 o CAP (CW), LENS
 1pc      7-682-973-09 s SCREW +PSW 5X8
```

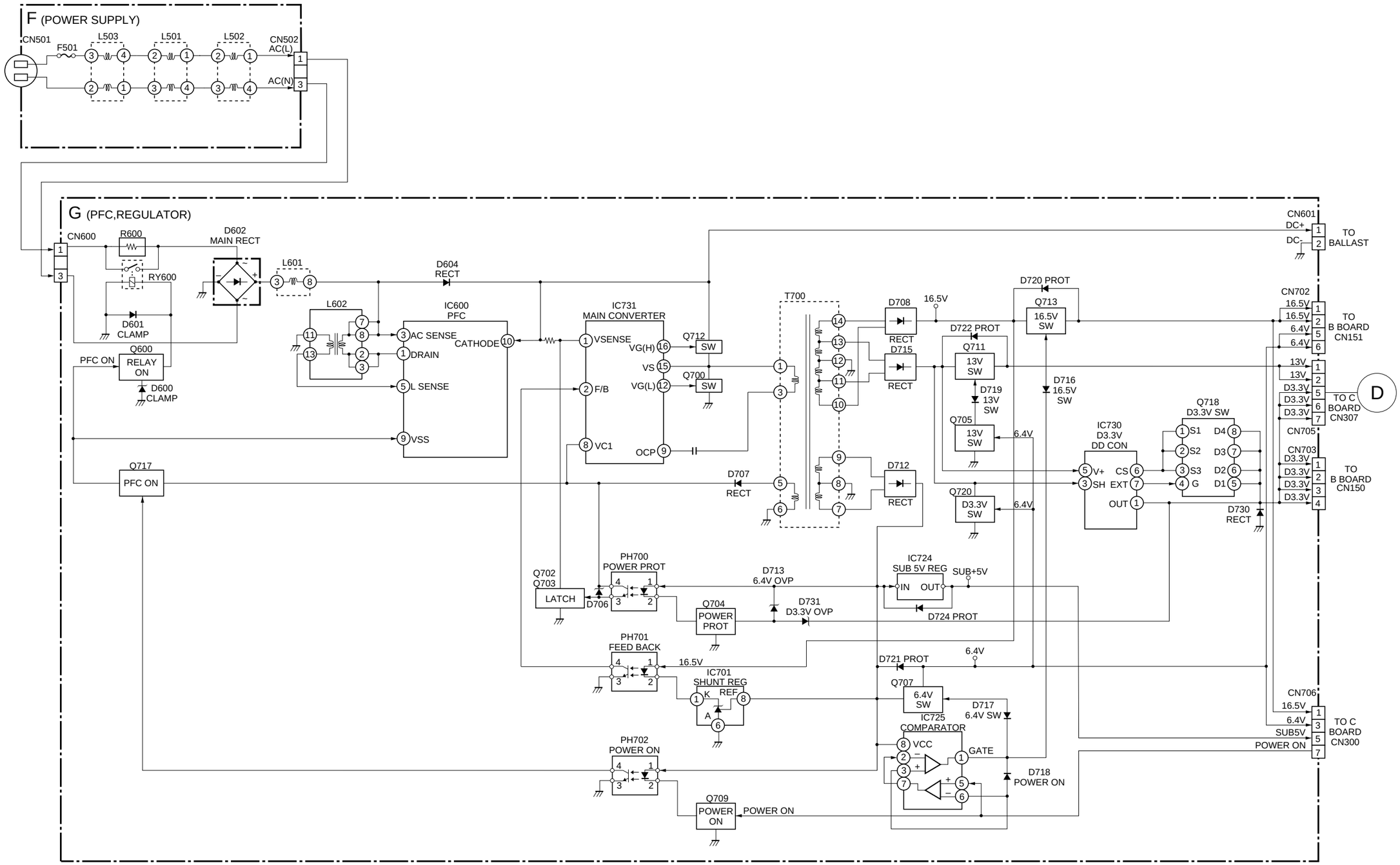
Section 5
Block Diagrams



C (LCD DRIVER, 3D GAMMA & TG, SCAN CONVERTER, MAIN CPU)

IC907 AUDIO AMP
IC908 AUDIO PROCESSOR
IC401 SCAN CONVERTER
IC406 8M FLASH ROM
IC508 3DGAMMA8TG
IC500 BUFF
IC404 SPREAD SPEC TRUM
IC405 INVERTER
IC403 RESET
IC505 EEPROM
IC507 BUFF
IC506 BUFF
IC510 INVERTER
IC502 RESET
IC503 RESET
IC900 MOTOR CONTROL
IC904 ZOOM MOTOR DRIVER
IC905 FOCUS MOTOR DRIVER
IC203 MAIN CPU
IC202 SW
Q203 Q202 Q205 Q201 Q204 Q200 Q280 Q281 Q504 Q502
D200 RESET
IC204 RESET
CN902 CN102 CN100 CN101 CN400 CN500 CN401 CN901 CN903 CN900 CN201 CN200
TO MS BOARD CN103
TO B BOARD CN152
TO B BOARD CN153
SPEAKER
WATCH
3D GAMMA
ZOOM
FOCUS
IRIS
VISCA
CPU&PWROM

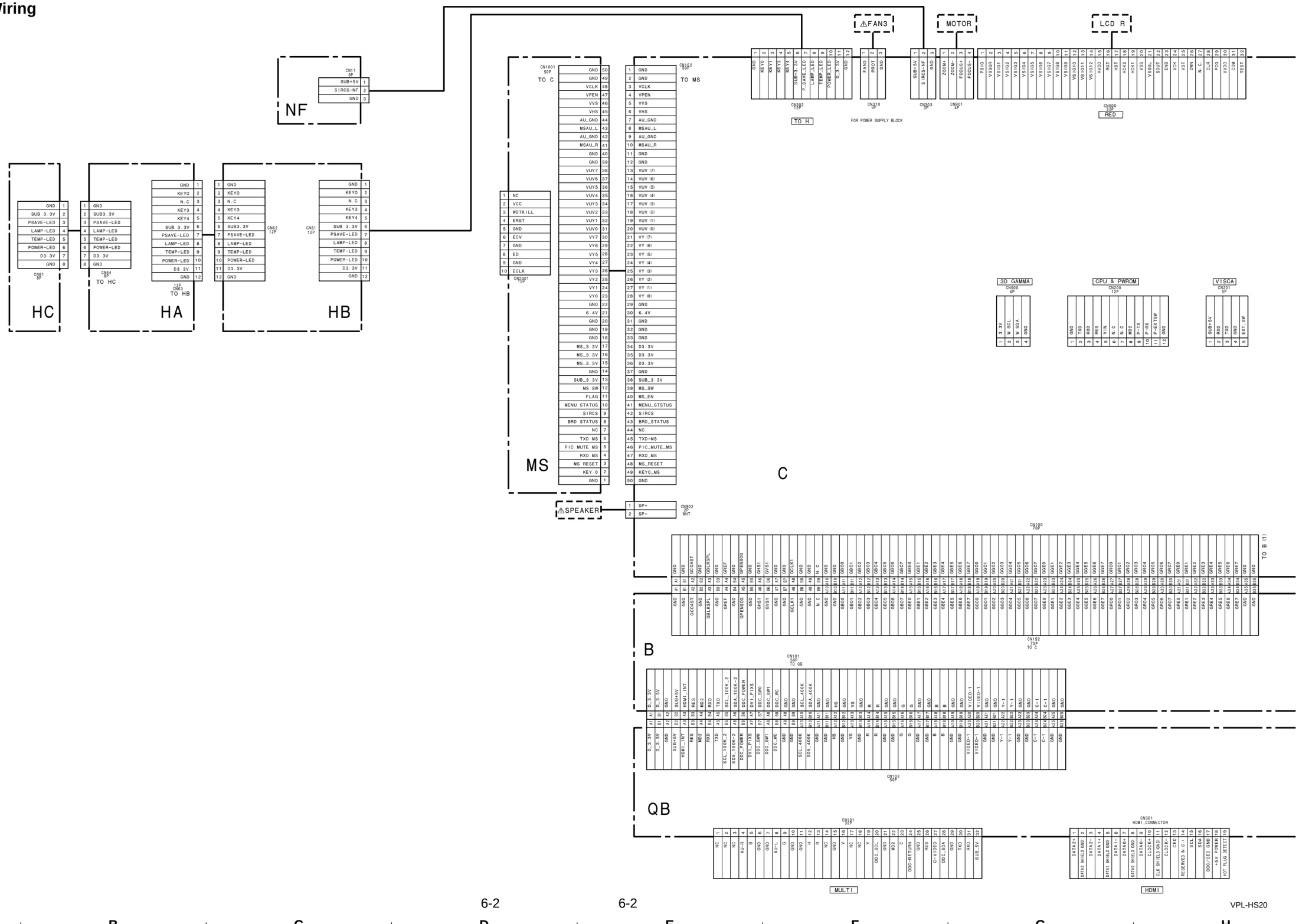

HC (LED)
+3.3V
Q81-Q85
SW
D81-D84
CN81
HA (FUNCTION SW)
CN64
CN63
S62-S64
S66-S70
HB (KEY SW)
CN62
CN61
S61
S65
L (LED)
CN31
D31
NR (SIRCS-NR)
IC21
CN21
NF (SIRCS-NF)
IC11
CN11
PHILIPS
CN306
FLAG
LAMP_PROT
CPU3
D_3.3V
Q601
FAIL SAFE
LAMP COVER
CPU1
Q602
SCI
HI/LOW
SW
LAMP_ON
LAMP_POWER
CPU3
CN302
POWER_LED
TEMP_LED
LAMP_LED
POWER_SAVE_LED
KEY (4)
KEY (3)
KEY (0)
SUB_3.3V_2
CN303
SIRCS-NF
CN304
SIRCS-NR
CN305
D_5V
IC301
SIRCS IF
IR OUT
IR IN1
IR IN2
SIRCS
CPU2
NF_ON
NR_ON
CPU3
Q300
SW
ILLUM
D_3.3V
IC402
2.5V REG
2.5V_SC
VCC
OUT
IC400
1.5V REG
1.5V_SC
D_3.3V
3.3V_SC
IN
OUT
Q400
Q401
SW
IC601
LCD DRIVER [RED]
R (0)-(11)
D_IN0
D_IN11
SENB
SCLK
SDAT
FRP
PRG
CLK
LCD2
LCD1
MCLK_R
SID_OUT
VCOM_OUT
SIG_OUT1
SIG_OUT6
Q600
Q601
BUFF
PSIG R
TP604
VCOM_OUT_R
VID_R (1)(3)(5)(7)(9)(11)
SIG R
TP602
IC602
LCD DRIVER [RED]
R (0)-(11)
SIG_OUT1
SIG_OUT6
VID_R (2)(4)(6)(8)(10)(12)
CN600
PSIG_R
VCOM_OUT_R
VID_R(1)-(12)
RGT
HST
HCK2_R
HCK1_R
ENB
VCK
VST
DWN
CLR
PCG
SOUT_R
LCD PANEL
RED
IC701
LCD DRIVER [GREEN]
G (0)-(11)
SAME AS
RED (IC601)
PROCESS
Q700
Q701
BUFF
PSIG G
TP704
VCOM_OUT_G
VID_G (1)(3)(5)(7)(9)(11)
SIG G
TP702
IC702
LCD DRIVER [GREEN]
G (0)-(11)
SAME AS
RED (IC602)
PROCESS
VID_G (2)(4)(6)(8)(10)(12)
CN700
PSIG_G
VCOM_OUT_G
VID_G(1)-(12)
SOUT_G
LCD PANEL
GREEN
D
TO
G BOARD
CN705
CN307
13V
IC305-IC308
REG
VCC
OUT
FCON1
FCON2
FCON3
Q310-Q312
INV-BUFF
(FOR
FAN1, 3, 4)
C
CPU4
Q305, Q306, Q308, Q309
FAN PROT
CPU3
FAN_PROT
Q304
FAN PROT
CN308
FAN1
PROT
CN310
FAN3
CN311
FAN4
CN312
FAN5
IC303
ACCELEROMETER
D_3.3V
VCC
XO
YO
TILT_X
TILT_Y
CPU3
IC310
5V REG
6.4V
D5V
IN
OUT
D_3.3V
Q500
Q501
SW
1.8V
3.3V
GAMMA
TP501
3.3V GAMMA
POWER_PROT
Q301
SW
IC304
POWER PRT
16.5V
D_3.3V
OUTA
OUTB
+INB
+INA
IC302
POWER PRT
6.4V
13V
IC501
PLL3.3V REG
D_5V
VIN
VOUT
ON/OFF BYPASS
3.3V PLL
TP500
3.3V PLL
3.3V GAMMA
3.3V
TP502
IC504
1.8V REG
1.8V
TP504
D_3.3V
1.8V
IC906
5V REG
6.4V
5V
IC901
9V REG
16.5V
9V
IC903
5V REG
13V
5V
IC200
3.3V REG
SUB_5V_4
SUB_3.3V_2
IC800
3.3V REG
B3.3V
IC600
3.3V REG
R3.3V
IC700
3.3V REG
G3.3V
IC801
LCD DRIVER [BLUE]
B (0)-(11)
SAME AS
RED (IC601)
PROCESS
Q800
Q801
BUFF
PSIG B
TP804
VCOM_OUT_B
VID_B (1)(3)(5)(7)(9)(11)
IC802
LCD DRIVER [BLUE]
B (0)-(11)
SAME AS
RED (IC602)
PROCESS
VID_B (2)(4)(6)(8)(10)(12)
CN800
PSIG_B
VCOM_OUT_B
VID_B(1)-(12)
SOUT_B
LCD PANEL
BLUE
16.5V
TP650
IC650
15.5V REG
15.5V
TP651
IC651
13.5V REG
13.5V
TP653


F (POWER SUPPLY)
CN501
F501
L503
L501
L502
CN502
AC(L)
AC(N)
G (PFC,REGULATOR)
CN600
R600
RY600
D601
CLAMP
Q600
RELAY
ON
PFC ON
D600
CLAMP
D602
MAIN RECT
L601
L602
D604
RECT
IC600
PFC
AC SENSE
DRAIN
L SENSE
VSS
CATHODE
IC731
MAIN CONVERTER
VSENSE
F/B
VC1
OCP
VG(H)
VG(L)
VS
Q712
Q700
SW
T700
D708
RECT
D715
RECT
16.5V
D720 PROT
Q713
16.5V
SW
D722 PROT
Q711
13V
SW
D719
13V
SW
D716
16.5V
SW
Q705
13V
SW
6.4V
Q720
D3.3V
SW
6.4V
IC730
D3.3V
DD CON
V+
SH
CS
EXT
OUT
Q718
D3.3V SW
S1
S2
S3
G
D4
D3
D2
D1
D730
RECT
CN601
DC+
DC-
TO
BALLAST
CN702
16.5V
16.5V
6.4V
6.4V
TO
B BOARD
CN151
13V
13V
D3.3V
D3.3V
D3.3V
TO C
BOARD
CN307
D
CN705
CN703
D3.3V
D3.3V
D3.3V
D3.3V
TO
B BOARD
CN150
Q717
PFC ON
D707
RECT
D712
RECT
PH700
POWER PROT
Q702
Q703
LATCH
D706
Q704
POWER
PROT
D713
6.4V OVP
D731
D3.3V OVP
IC724
SUB 5V REG
IN
OUT
SUB+5V
D724 PROT
PH701
FEED BACK
16.5V
IC701
SHUNT REG
K
REF
A
D721 PROT
6.4V
Q707
6.4V
SW
D717
6.4V SW
IC725
COMPARATOR
VCC
GATE
D718
POWER ON
PH702
POWER ON
Q709
POWER
ON
POWER ON
CN706
16.5V
6.4V
SUB5V
POWER ON
TO C
BOARD
CN300

Section 6
Diagrams

6-1

6-1. Frame Wiring



Frame Wiring

6-2. Schematic Diagrams and Board Layouts

Note:

- The parts marked " # " on schematic diagrams are not mounted.
- All capacitors are in µF unless otherwise noted. pF: µµF 50WV or less are not indicated except for electrolytics.
- All electrolytics are in 50 V unless otherwise specified.
- : fusible resistor
- : nonflammable resistor
- : panel designation and adjustment for repair
- Caution when replacing chip parts
  New parts must be attached after removal of the chip.
  Be careful not to heat the minus side of a tantalum capacitor, because it is easily damaged by the heat.

Reference information

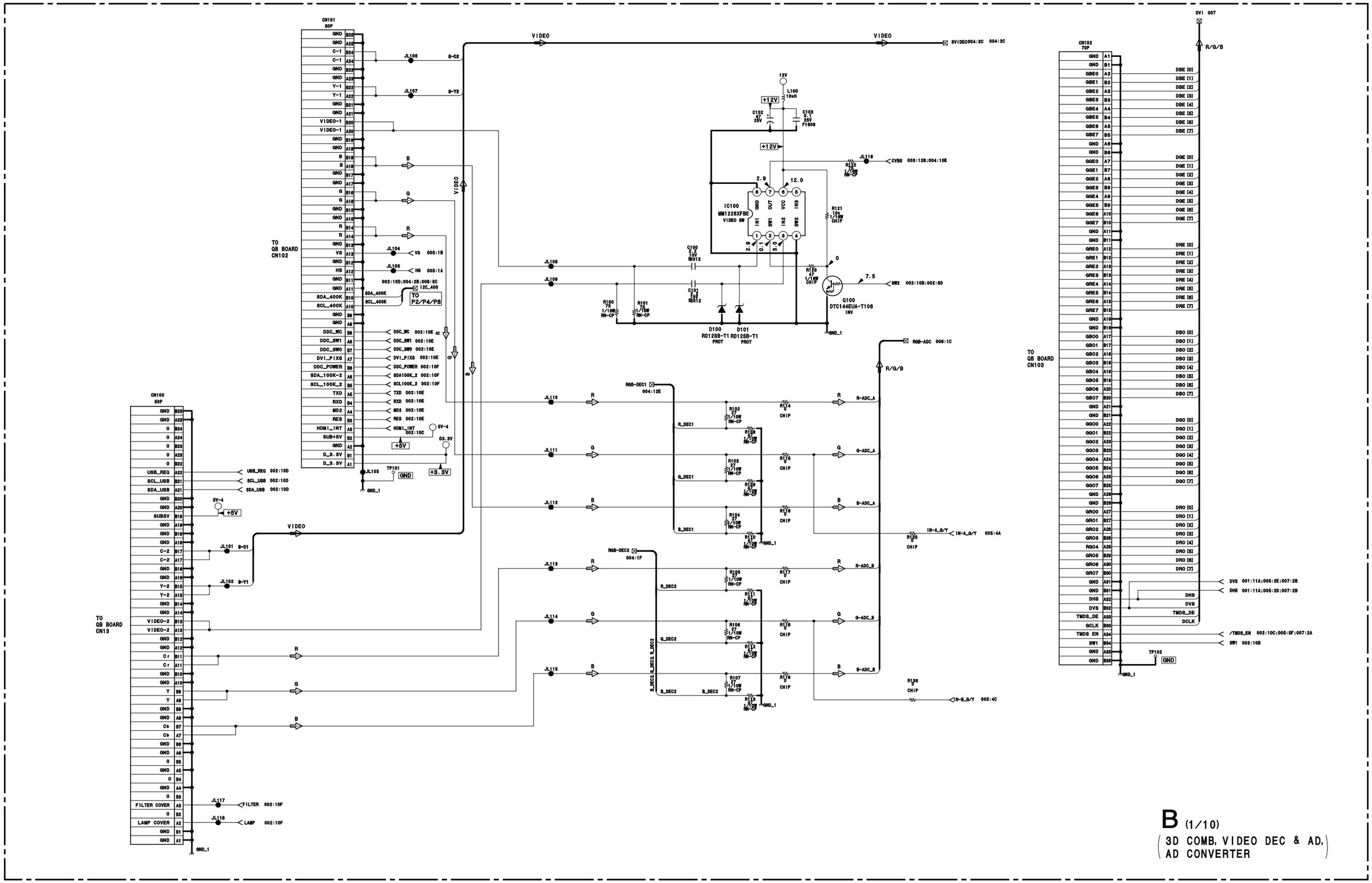
RESISTOR	RN	: METAL FILM
	RC	: SOLID
	FPRD	: NONFLAMMABLE CARBON
	FUSE	: NONFLAMMABLE FUSIBLE
	RS	: NONFLAMMABLE METAL OXIDE
	RB	: NONFLAMMABLE CEMENT
	RW	: NONFLAMMABLE WIREWOUND
	※	: ADJUSTMENT RESISTOR
COIL	LF-8L	: MICRO INDUCTOR
CAPACITOR	TA	: TANTALUM
	PS	: STYROL
	PP	: POLYPROPYLENE
	PT	: MYLAR
	MPS	: METALIZED POLYESTER
	MPP	: METALIZED POLYPROPYLENE
	ALB	: BIPOLAR
	ALT	: HIGH TEMPERATURE
	ALR	: HIGH RIPPLE

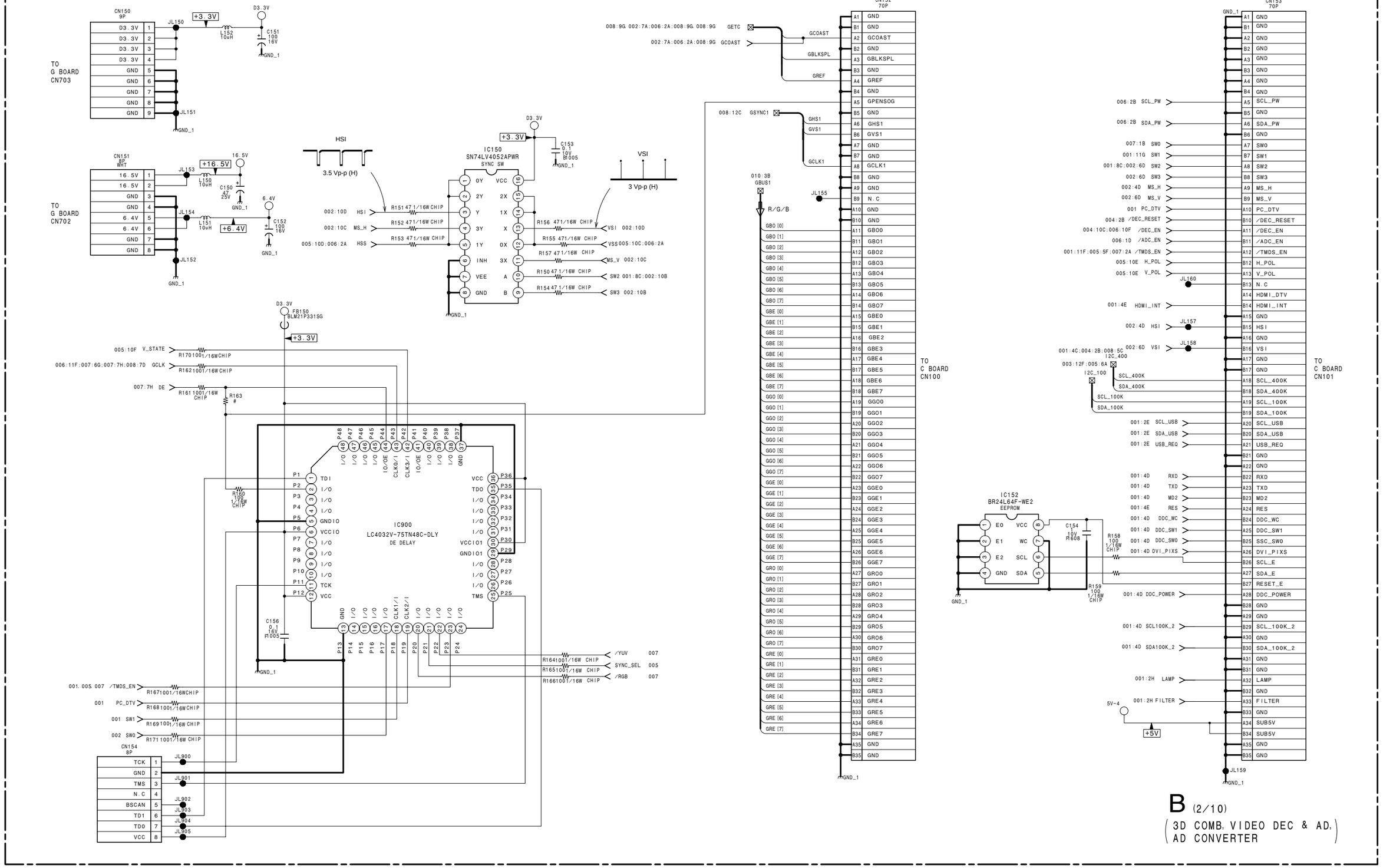
[Measuring conditions, voltage and waveform]

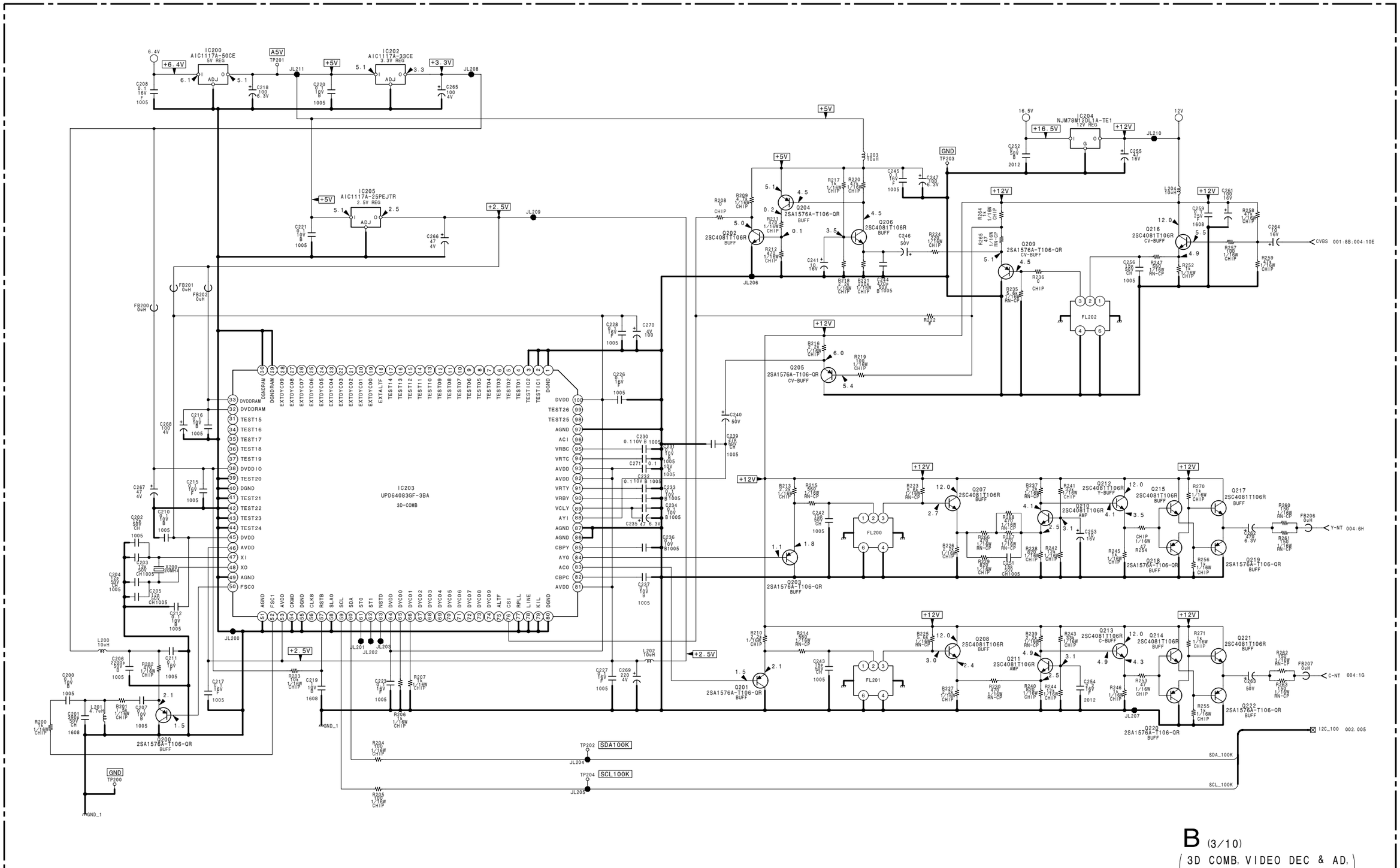
- A voltage value is the reference value between the measurement point and the earth, when the RGB color bar signal is received from the color bar generator (digital multi-meter used: 10 M ohms/V DC).
- Unit of voltage is V (volt).
- : B+line
- : B– line
- Voltage variations may occur due to normal production tolerances.
- : Signal path.

The components identified marked ⚠ are critical for safety.
Replace only with the part number specified.

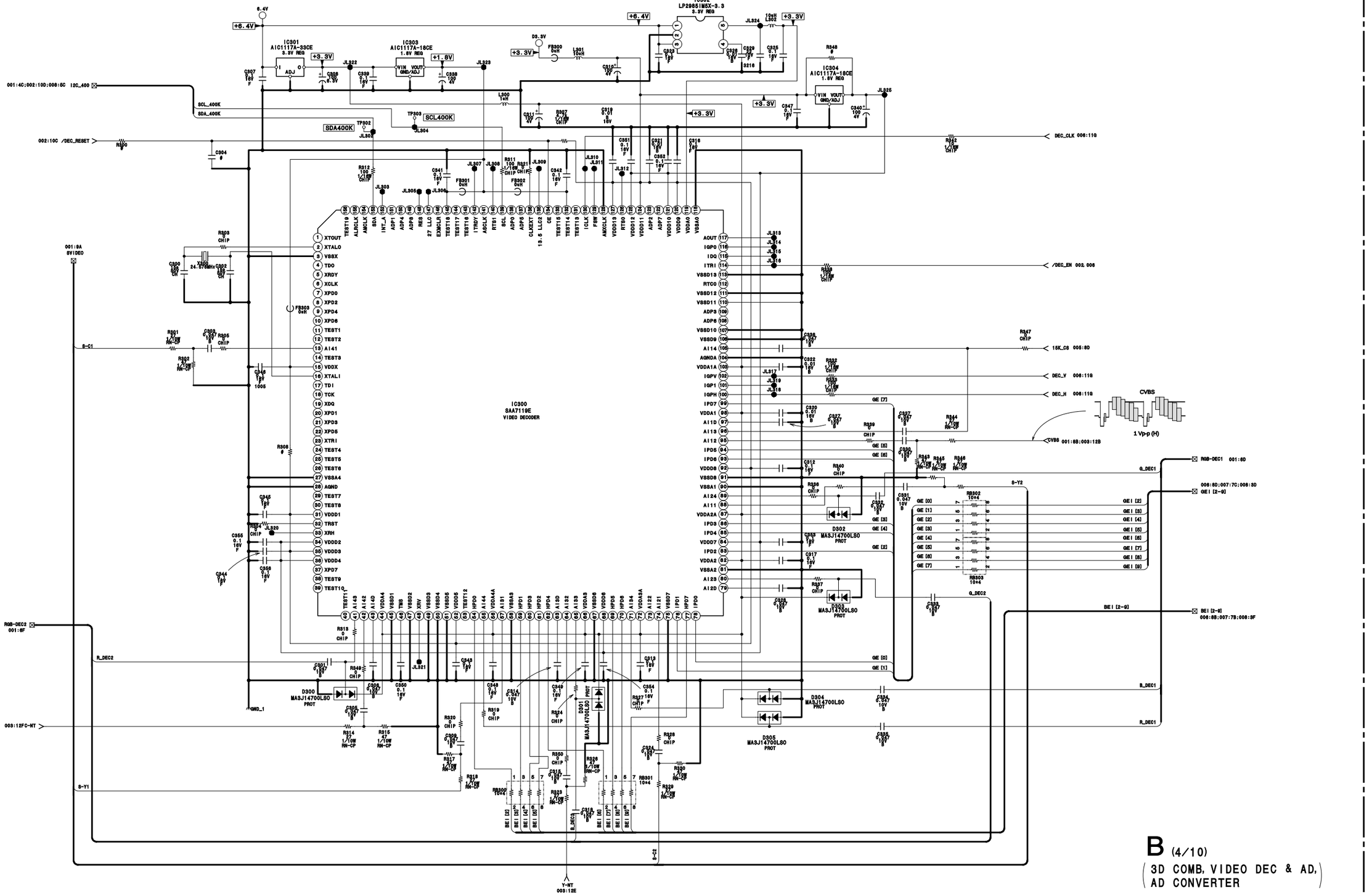
Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

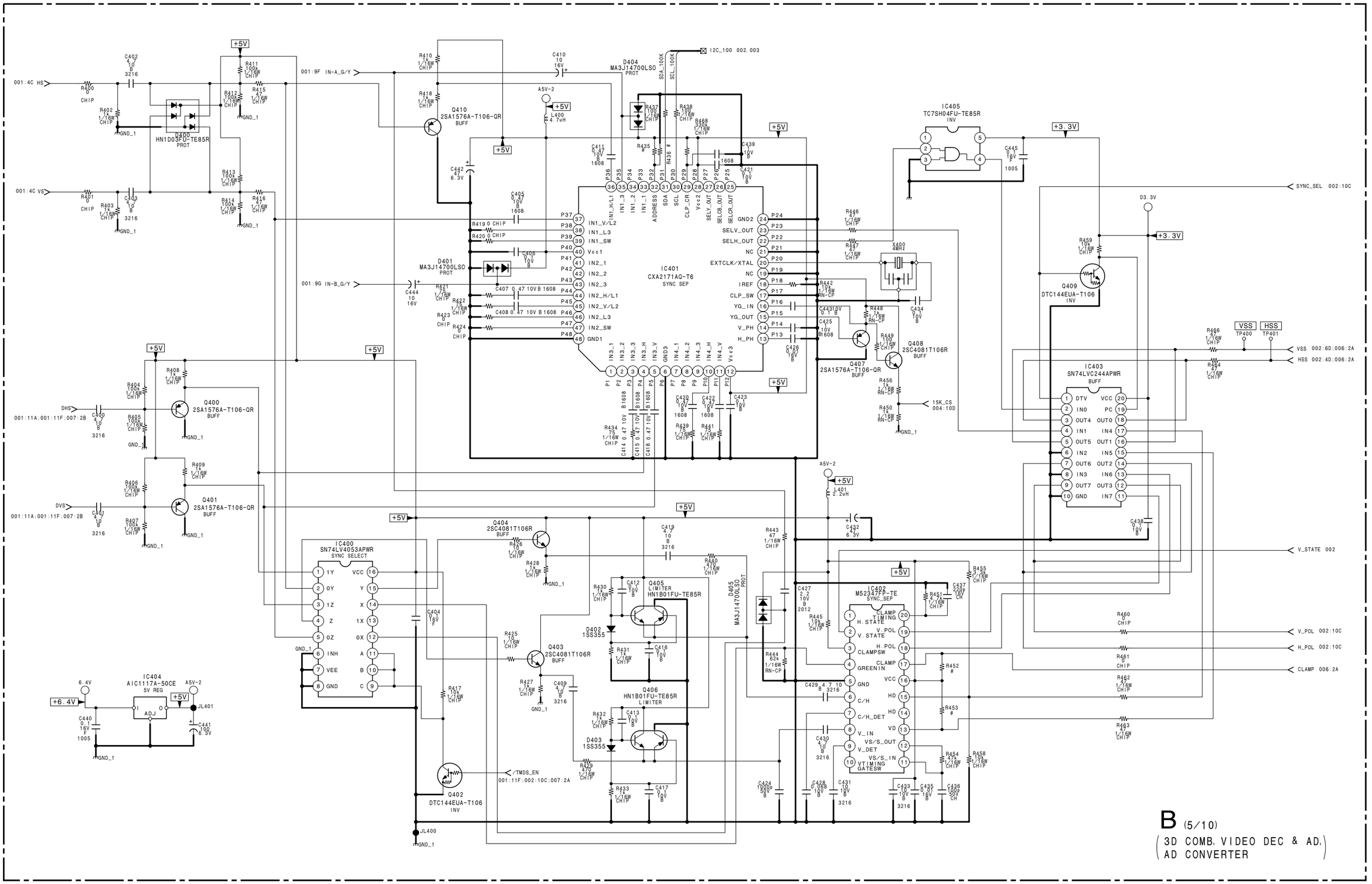

CN101
50P
CN102
70P
CN100
50P
IC100
MM1228XFBE
VIDEO SW
Q100
DTC144EUA-T106
INV
D100
RD12SB-T1
PROT
D101
RD12SB-T1
PROT
L100
10uH
TO
QB BOARD
CN102
TO
QB BOARD
CN103
TO
QB BOARD
CN13
VIDEO
R/G/B
DVI 007
SVIDEO004:2C 004:2C
CVBS 003:12B;004:10E
RGB-ADC 006:1C
IN-A_B/Y 005:4A
IN-B_B/Y 005:4C
SW2 002:10B;002:6D
DVS 001:11A;005:2E;007:2B
DHS 001:11A;005:2D;007:2B
/TMDS_EN 002:10C;005:6F;007:2A
SW1 002:10B
USB_REQ 002:10D
SCL_USB 002:10D
SDA_USB 002:10D
FILTER 002:10F
LAMP 002:10F
SDA_400K 002:10D;004:2B;008:5C
SCL_400K
DDC_WC 002:10E
DDC_SW1 002:10E
DDC_SW0 002:10E
DVI_PIXS 002:10E
DDC_POWER 002:10F
SDA100K_2 002:10F
SCL100K_2 002:10F
TXD 002:10E
RXD 002:10E
MD2 002:10E
RES 002:10E
HDMI_INT 002:10C
RGB-DEC1 004:12E
RGB-DEC2 004:1F
R_DEC1
G_DEC1
B_DEC1
R_DEC2
G_DEC2
B_DEC2
R-ADC_A
G-ADC_A
B-ADC_A
R-ADC_B
G-ADC_B
B-ADC_B
DBE [0]
DBE [1]
DBE [2]
DBE [3]
DBE [4]
DBE [5]
DBE [6]
DBE [7]
DGE [0]
DGE [1]
DGE [2]
DGE [3]
DGE [4]
DGE [5]
DGE [6]
DGE [7]
DRE [0]
DRE [1]
DRE [2]
DRE [3]
DRE [4]
DRE [5]
DRE [6]
DRE [7]
DBO [0]
DBO [1]
DBO [2]
DBO [3]
DBO [4]
DBO [5]
DBO [6]
DBO [7]
DGO [0]
DGO [1]
DGO [2]
DGO [3]
DGO [4]
DGO [5]
DGO [6]
DGO [7]
DRO [0]
DRO [1]
DRO [2]
DRO [3]
DRO [4]
DRO [5]
DRO [6]
DRO [7]
DHS
DVS
TMDS_DE
DCLK
GND_1
+12V
+5V
+3.3V
5V-4
3.3V
TP101
TP102
JL101
JL102
JL103
JL104
JL105
JL106
JL107
JL108
JL109
JL110
JL111
JL112
JL113
JL114
JL115
JL116
JL117
JL118
B (1/10)
(3D COMB, VIDEO DEC & AD,
AD CONVERTER)
B-S81757-B-P1


CN150 9P
TO G BOARD CN703
+3.3V
D3.3V
L152 10uH
C151 100 16V
JL150
JL151
GND_1
CN151 8P WHT
TO G BOARD CN702
+16.5V
16.5V
L150 10uH
C150 47 25V
JL153
JL154
JL152
+6.4V
6.4V
L151 10uH
C152 100 16V
HSI
3.5 Vp-p (H)
VSI
3 Vp-p (H)
IC150
SN74LV4052APWR
SYNC SW
0Y VCC
2Y 2X
Y 1X
3Y X
1Y 0X
INH 3X
VEE A
GND B
C153 0.1 10V
002:10D HSI
002:10C MS_H
005:10D:006:2A HSS
R151 47 1/16W CHIP
R152 47 1/16W CHIP
R153 47 1/16W CHIP
R156 471/16W CHIP
R155 471/16W CHIP
R157 471/16W CHIP
R150 471/16W CHIP
R154 471/16W CHIP
VSI 002:10D
VSS 005:10C:006:2A
MS_V 002:10C
SW2 001:8C:002:10B
SW3 002:10B
FB150 BLM21P331SG
005:10F V_STATE
006:11F:007:6G:007:7H:008:7D GCLK
007:7H DE
R170 100 1/16W CHIP
R162 100 1/16W CHIP
R161 100 1/16W CHIP
R163 #
R160 100 1/16W CHIP
IC900
LC4032V-75TN48C-DLY
DE DELAY
TDI
TDO
TCK
TMS
GNDIO
VCCIO
VCC
GND
CLK0/I
CLK3/I
CLK1/I
CLK2/I
I/O
C156 0.1 16V
/YUV 007
SYNC_SEL 005
/RGB 007
001.005.007 /TMDS_EN
001 PC_DTV
001 SW1
002 SWO
R167 100 1/16W CHIP
R168 100 1/16W CHIP
R169 100 1/16W CHIP
R171 100 1/16W CHIP
CN154 8P
TCK
GND
TMS
N.C
BSCAN
TD1
TDO
VCC
JL900
JL901
JL902
JL903
JL904
JL905
CN152 70P
008:9G 002:7A:006:2A:008:9G 008:9G GETC
002:7A:006:2A:008:9G GCOAST
GCOAST
GBLKSPL
GREF
008:12C GSYNC1
GHS1
GVS1
GCLK1
010:3B GBUS1
R/G/B
JL155
GBO [0]
GBO [1]
GBO [2]
GBO [3]
GBO [4]
GBO [5]
GBO [6]
GBO [7]
GBE [0]
GBE [1]
GBE [2]
GBE [3]
GBE [4]
GBE [5]
GBE [6]
GBE [7]
GGO [0]
GGO [1]
GGO [2]
GGO [3]
GGO [4]
GGO [5]
GGO [6]
GGO [7]
GGE [0]
GGE [1]
GGE [2]
GGE [3]
GGE [4]
GGE [5]
GGE [6]
GGE [7]
GRO [0]
GRO [1]
GRO [2]
GRO [3]
GRO [4]
GRO [5]
GRO [6]
GRO [7]
GRE [0]
GRE [1]
GRE [2]
GRE [3]
GRE [4]
GRE [5]
GRE [6]
GRE [7]
TO C BOARD CN100
IC152
BR24L64F-WE2
EEPROM
EO VCC
E1 WC
E2 SCL
GND SDA
C154 0.1 10V
R158 100 1/16W CHIP
R159 100 1/16W CHIP
CN153 70P
006:2B SCL_PW
006:2B SDA_PW
007:1B SWO
001:11G SW1
001:8C:002:6D SW2
002:6D SW3
002:4D MS_H
002:6D MS_V
001 PC_DTV
004:2B /DEC_RESET
004:10C:006:10F /DEC_EN
006:1D /ADC_EN
001:11F:005:5F:007:2A /TMDS_EN
005:10E H_POL
005:10E V_POL
JL160
001:4E HDMI_INT
002:4D HSI
JL157
002:6D VSI
JL158
001:4C:004:2B:008:5C I2C_400
003:12F:005:6A I2C_100
SCL_400K
SDA_400K
SCL_100K
SDA_100K
001:2E SCL_USB
001:2E SDA_USB
001:2E USB_REQ
001:4D RXD
001:4D TXD
001:4D MD2
001:4E RES
001:4D DDC_WC
001:4D DDC_SW1
001:4D DDC_SW0
001:4D DVI_PIXS
001:4D DDC_POWER
001:4D SCL100K_2
001:4D SDA100K_2
001:2H LAMP
001:2H FILTER
5V-4
+5V
JL159
TO C BOARD CN101
B (2/10)
3D COMB, VIDEO DEC & AD, AD CONVERTER
B-SS1757-B-P2


IC200 AIC1117A-50CE 5V REG
IC202 AIC1117A-33CE 3.3V REG
IC205 AIC1117A-25PEJTR 2.5V REG
IC204 NJM78M12DL1A-TE1 12V REG
IC203 UPD64083GF-3BA 3D-COMB
+6.4V
A5V
+5V
+3.3V
+2.5V
+16.5V
+12V
GND
JL200
JL201
JL202
JL203
JL204
JL205
JL206
JL207
JL208
JL209
JL210
JL211
TP200
TP201
TP202
TP203
TP204
SDA100K
SCL100K
Q200 2SA1576A-T106-QR BUFF
Q201 2SA1576A-T106-QR BUFF
Q202 2SC4081T106R BUFF
Q203 2SA1576A-T106-QR BUFF
Q204 2SA1576A-T106-QR BUFF
Q205 2SA1576A-T106-QR CV-BUFF
Q206 2SC4081T106R BUFF
Q207 2SC4081T106R BUFF
Q208 2SC4081T106R BUFF
Q209 2SA1576A-T106-QR CV-BUFF
Q210 2SC4081T106R Y-BUFF
Q211 2SC4081T106R AMP
Q212 2SC4081T106R Y-BUFF
Q213 2SC4081T106R C-BUFF
Q214 2SC4081T106R BUFF
Q215 2SC4081T106R BUFF
Q216 2SC4081T106R CV-BUFF
Q217 2SC4081T106R BUFF
Q218 2SA1576A-T106-QR BUFF
Q219 2SA1576A-T106-QR BUFF
Q220 2SA1576A-T106-QR BUFF
Q221 2SC4081T106R BUFF
Q222 2SA1576A-T106-QR BUFF
FL200
FL201
FL202
CVBS 001:8B:004:10E
Y-NT 004:6H
C-NT 004:1G
I2C_100 002:005
SDA_100K
SCL_100K
B (3/10)
3D COMB, VIDEO DEC & AD, AD CONVERTER

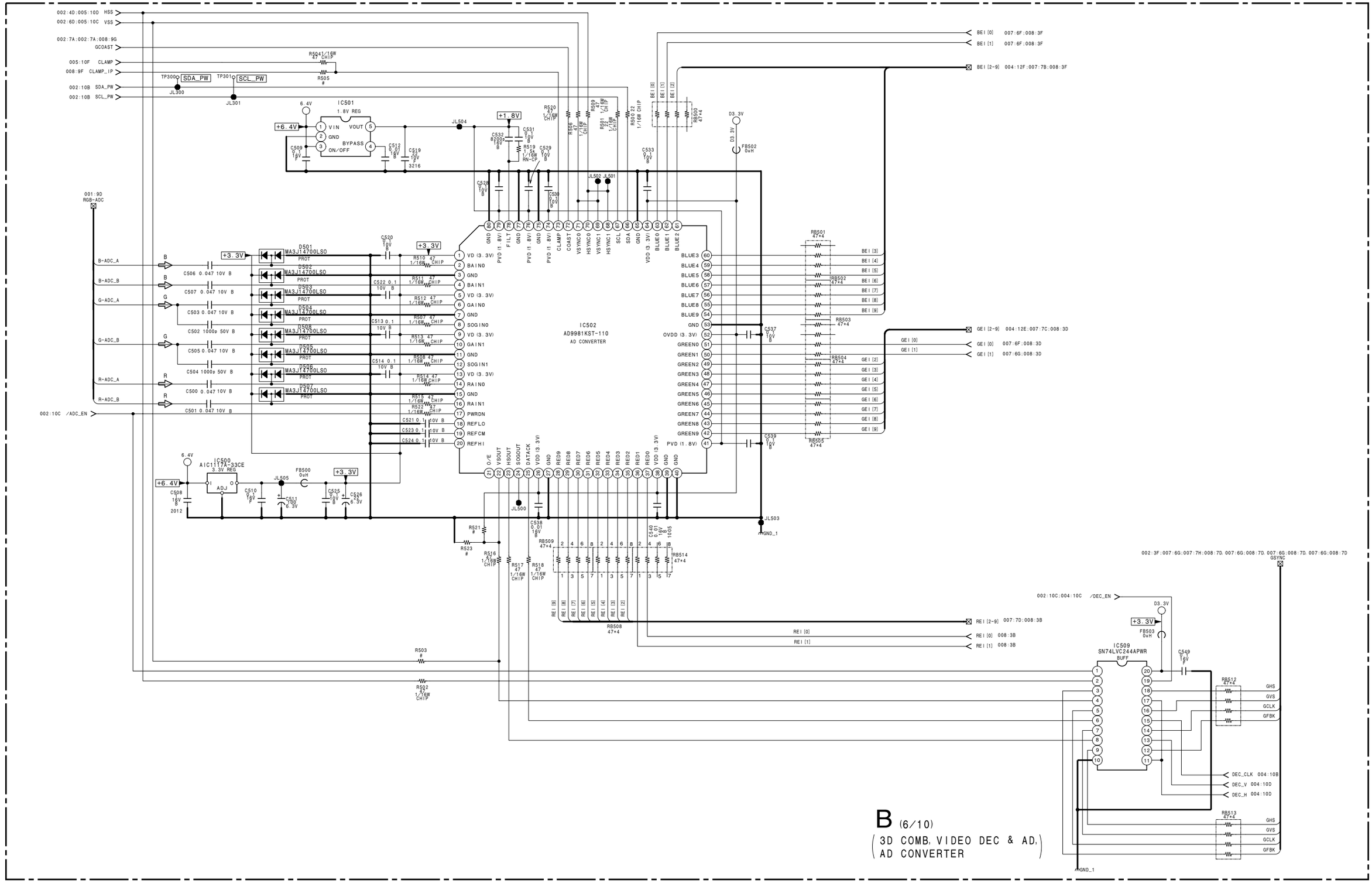
B-SS1757-B-P3


IC300
SAA7119E
VIDEO DECODER
IC301
AIC1117A-33CE
3.3V REG
IC303
AIC1117A-18CE
1.8V REG
IC302
LP2985IM5X-3.3
3.3V REG
IC304
AIC1117A-18CE
1.8V REG
+6.4V
+3.3V
+1.8V
SDA400K
SCL400K
001:4C:002:10D:008:5C I2C_400
002:10C /DEC_RESET
003:12FC-NT
001:9A SVIDEO
S-C1
S-Y1
S-Y2
C-NT 003:12E
Y-NT 003:12E
RGB-DEC2 001:6F
R_DEC2
G_DEC2
B_DEC2
DEC_CLK 008:11G
/DEC_EN 002,008
16K_CS 005:8D
DEC_V 008:11G
DEC_H 008:11G
CVBS
1 Vp-p (H)
CVBS 001:8B:003:12B
RGB-DEC1 001:8D
006:8D:007:7C:008:3D
GE I [2-0]
BE I [2-0]
006:8B:007:7B:008:8F
G_DEC1
B_DEC1
R_DEC1
D300 MA3J14700LS0 PROT
D301 MA3J14700LS0 PROT
D302 MA3J14700LS0 PROT
D303 MA3J14700LS0 PROT
D304 MA3J14700LS0 PROT
D305 MA3J14700LS0 PROT
B (4/10)
3D COMB, VIDEO DEC & AD, AD CONVERTER
B-SS1757-B-P4



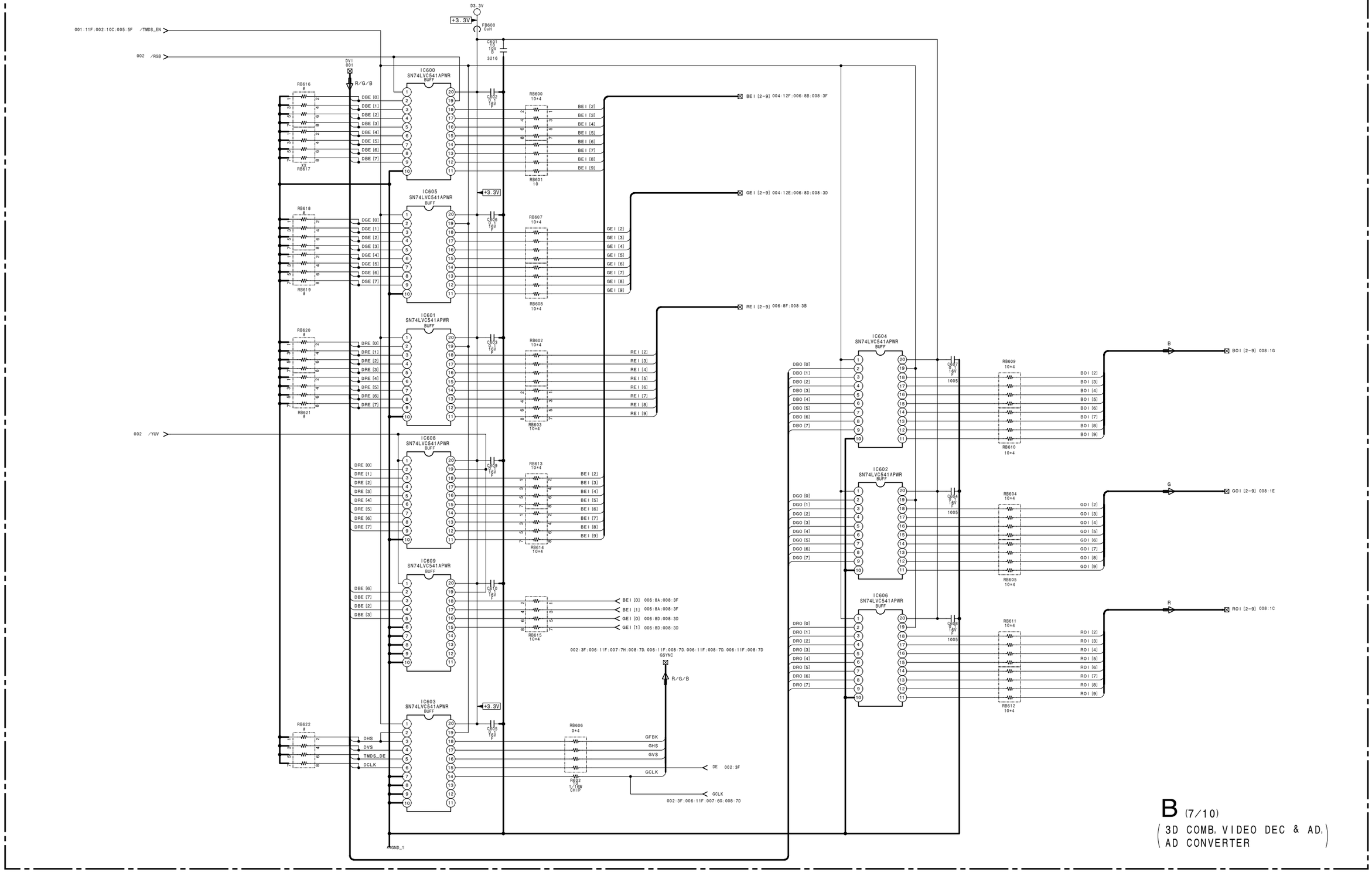
B (5/10)
(3D COMB, VIDEO DEC & AD, AD CONVERTER)

B-SS1757-B-P5



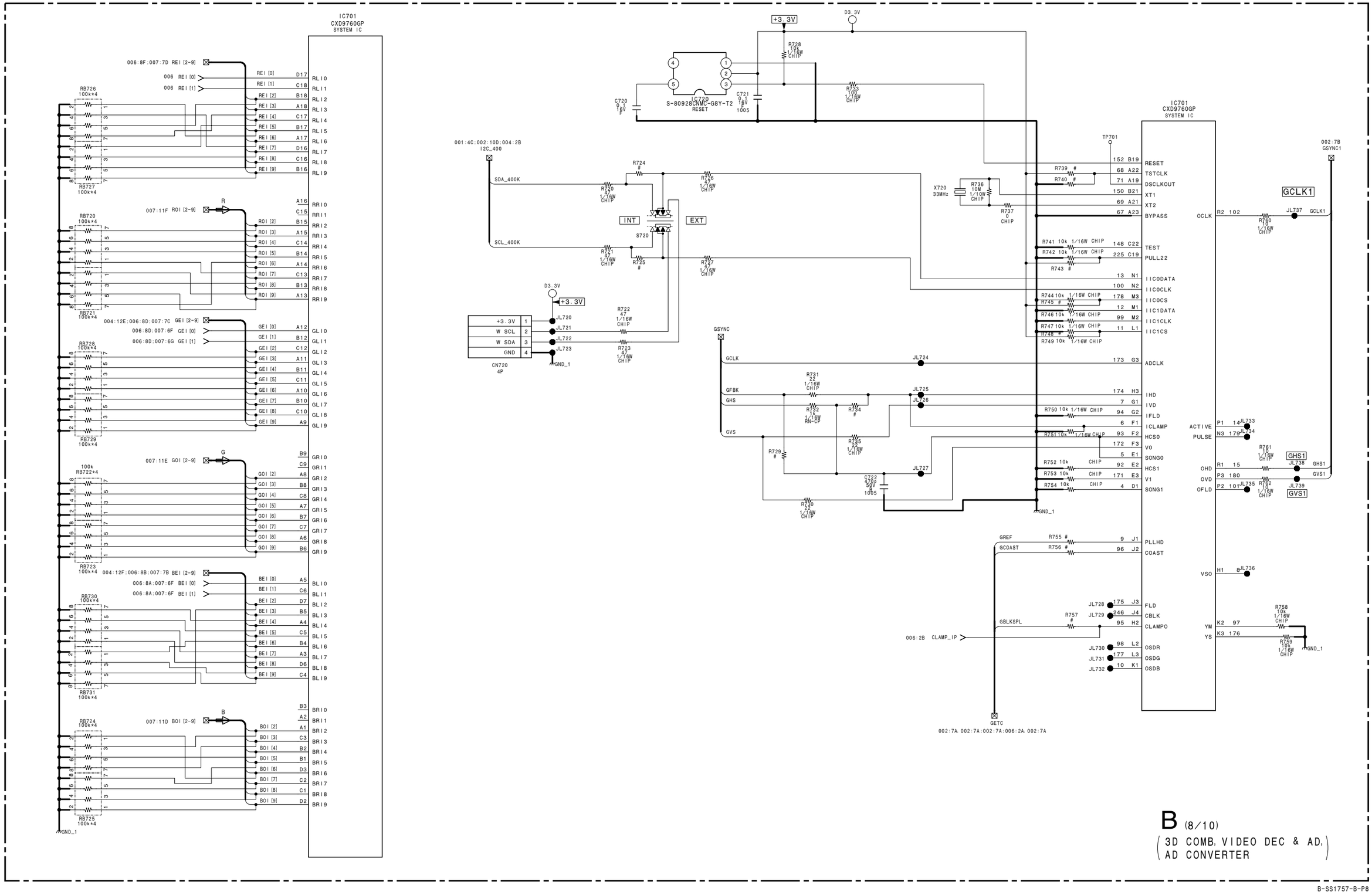
B (6/10)
(3D COMB, VIDEO DEC & AD, AD CONVERTER)

B-SS1757-B-P6


001:11F:002:10C:005:5F /TMDS_EN
002 /RGB
002 /YUV
DVI 001
R/G/B
D3.3V
+3.3V
FB600 0uH
C601 10V 10u B 3216
IC600 SN74LVC541APWR BUFF
IC601 SN74LVC541APWR BUFF
IC602 SN74LVC541APWR BUFF
IC603 SN74LVC541APWR BUFF
IC604 SN74LVC541APWR BUFF
IC605 SN74LVC541APWR BUFF
IC606 SN74LVC541APWR BUFF
IC608 SN74LVC541APWR BUFF
IC609 SN74LVC541APWR BUFF
RB616 RB617 RB618 RB619 RB620 RB621 RB622
DBE [0] DBE [1] DBE [2] DBE [3] DBE [4] DBE [5] DBE [6] DBE [7]
DGE [0] DGE [1] DGE [2] DGE [3] DGE [4] DGE [5] DGE [6] DGE [7]
DRE [0] DRE [1] DRE [2] DRE [3] DRE [4] DRE [5] DRE [6] DRE [7]
DHS DVS TMDS_DE DCLK
RB600 10×4 RB601 10 RB602 10×4 RB603 10×4 RB606 0×4 RB607 10×4 RB608 10×4 RB609 10×4 RB610 10×4 RB611 10×4 RB612 10×4 RB613 10×4 RB614 10×4 RB615 10×4 RB632 1/10W CHIP
BE I [2] BE I [3] BE I [4] BE I [5] BE I [6] BE I [7] BE I [8] BE I [9]
GE I [2] GE I [3] GE I [4] GE I [5] GE I [6] GE I [7] GE I [8] GE I [9]
RE I [2] RE I [3] RE I [4] RE I [5] RE I [6] RE I [7] RE I [8] RE I [9]
BE I [2-9] 004:12F:006:8B:008:3F
GE I [2-9] 004:12E:006:8D:008:3D
RE I [2-9] 006:8F:008:3B
BE I [0] 006:8A:008:3F
BE I [1] 006:8A:008:3F
GE I [0] 006:8D:008:3D
GE I [1] 006:8D:008:3D
002:3F:006:11F:007:7H:008:7D 006:11F:008:7D 006:11F:008:7D 006:11F:008:7D
GSYNC
DE 002:3F
GCLK
002:3F:006:11F:007:6G:008:7D
DBO [0] DBO [1] DBO [2] DBO [3] DBO [4] DBO [5] DBO [6] DBO [7]
DGO [0] DGO [1] DGO [2] DGO [3] DGO [4] DGO [5] DGO [6] DGO [7]
DRO [0] DRO [1] DRO [2] DRO [3] DRO [4] DRO [5] DRO [6] DRO [7]
BO I [2] BO I [3] BO I [4] BO I [5] BO I [6] BO I [7] BO I [8] BO I [9]
GO I [2] GO I [3] GO I [4] GO I [5] GO I [6] GO I [7] GO I [8] GO I [9]
RO I [2] RO I [3] RO I [4] RO I [5] RO I [6] RO I [7] RO I [8] RO I [9]
B
BO I [2-9] 008:1G
G
GO I [2-9] 008:1E
R
RO I [2-9] 008:1C
/GND_1

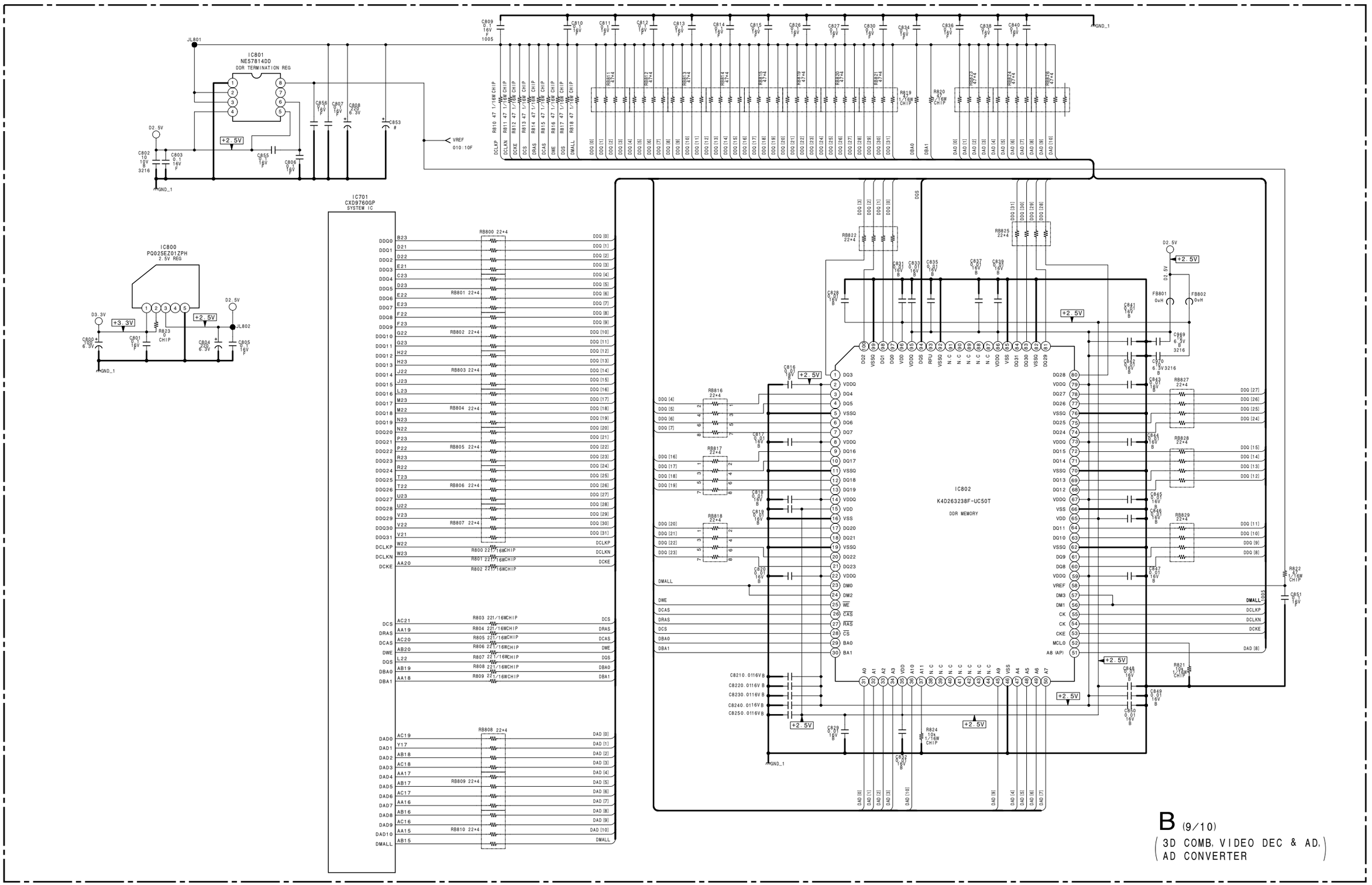
B (7/10)
(3D COMB, VIDEO DEC & AD, AD CONVERTER)

B-SS1757-B-P7

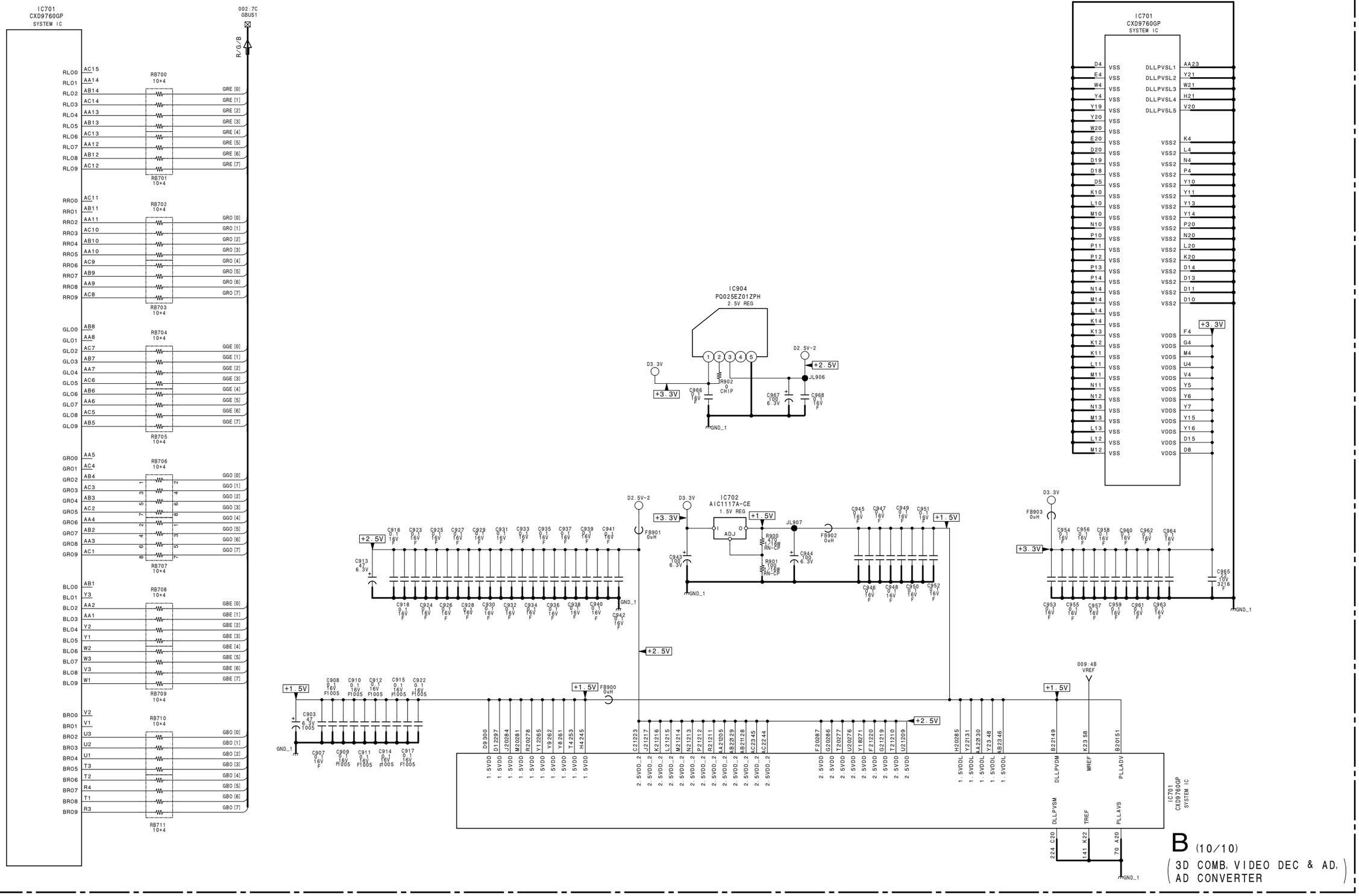


B (8/10)
(3D COMB, VIDEO DEC & AD, AD CONVERTER)

B-SS1757-B-P8

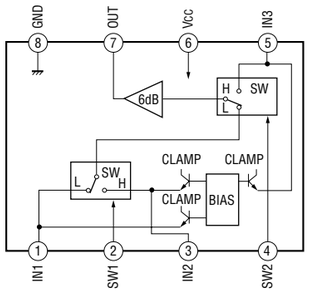

JL801
IC801
NE57814DD
DDR TERMINATION REG
D2.5V
+2.5V
VREF
010:10F
IC701
CX09760GP
SYSTEM IC
IC800
PQ025EZ01ZPH
2.5V REG
D3.3V
+3.3V
JL802
IC802
K4D263238F-UC50T
DDR MEMORY
B (9/10)
3D COMB, VIDEO DEC & AD,
AD CONVERTER

B-SS1757-B-P9

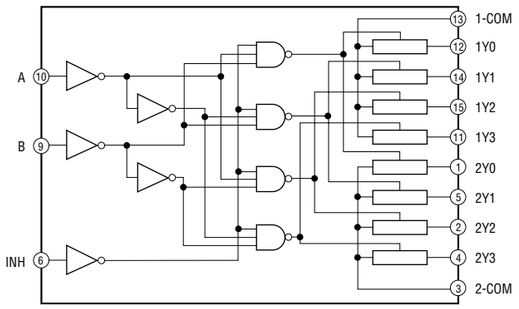


B-SS1757-B-P10

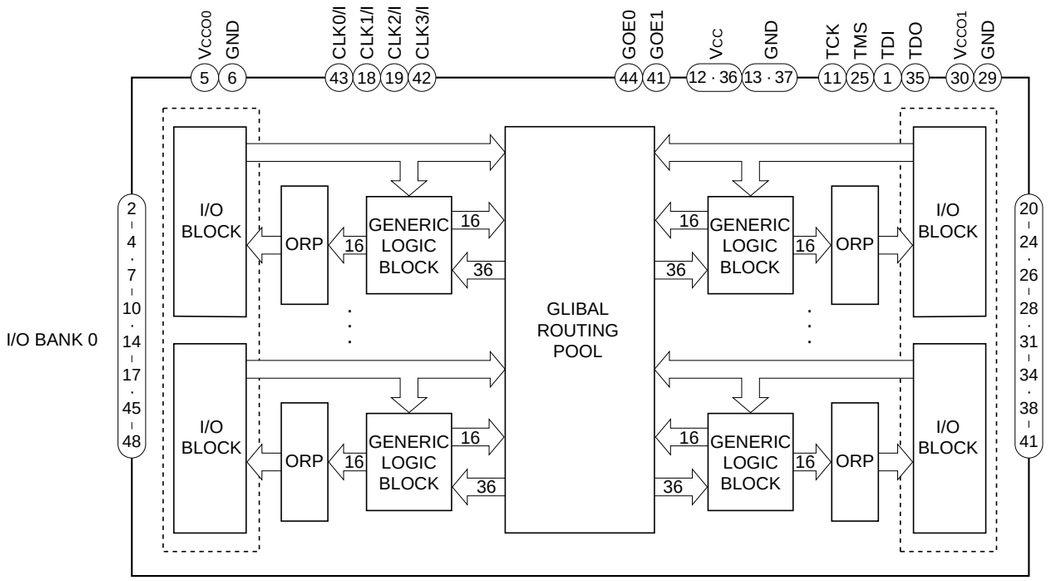
B (1/10) MM1228XFBE (IC100)



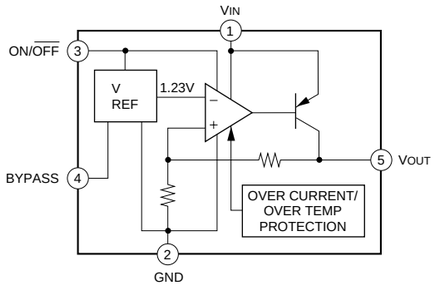
B (2/10) SN74LV4052APWR (IC150)



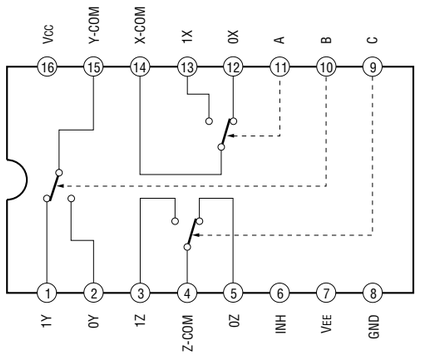
B (2/10) LC4032V-75TN48C-DLY (IC900)



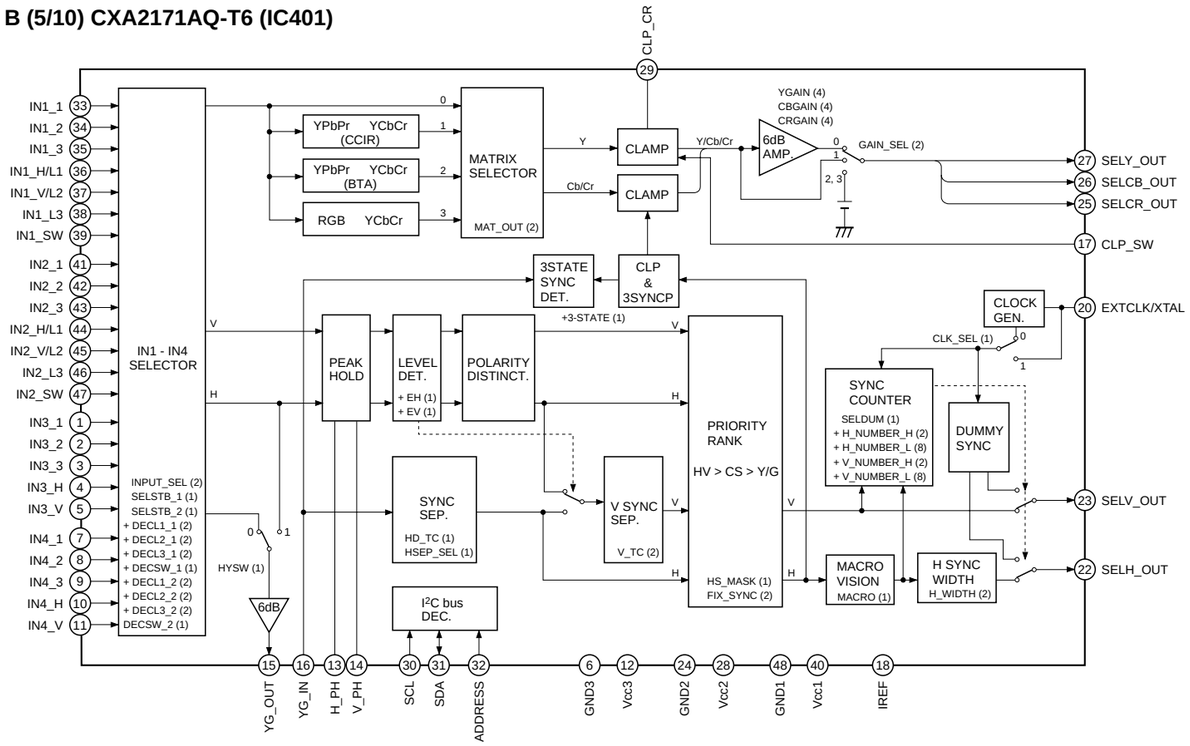
B (4/10) LP2985IM5X-3.3 (IC302)
B (6/10) LP2985IM5X-3.3 (IC501)



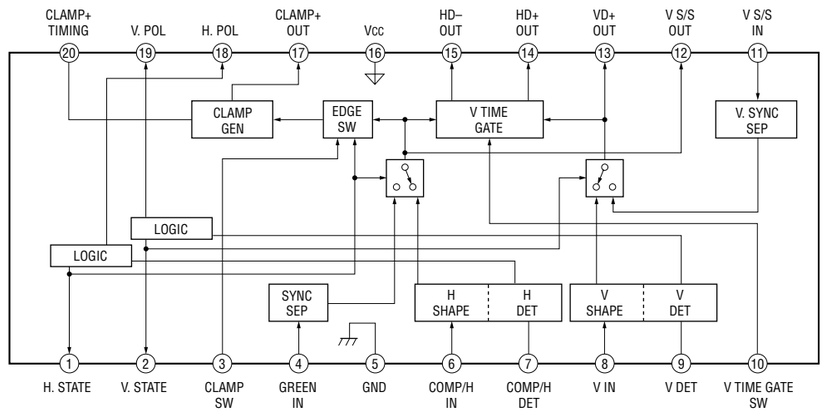
B (5/10) SN74LV4053APWR (IC400)



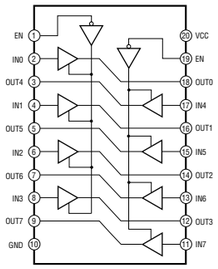
B (5/10) CXA2171AQ-T6 (IC401)



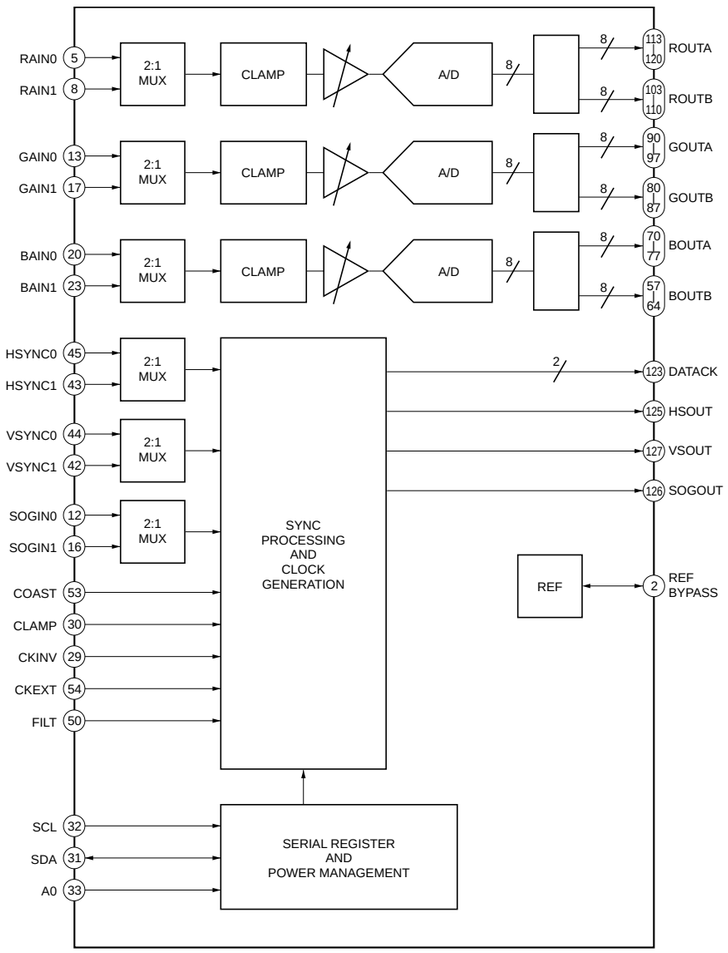
B (5/10) M52347FP-TE (IC402)



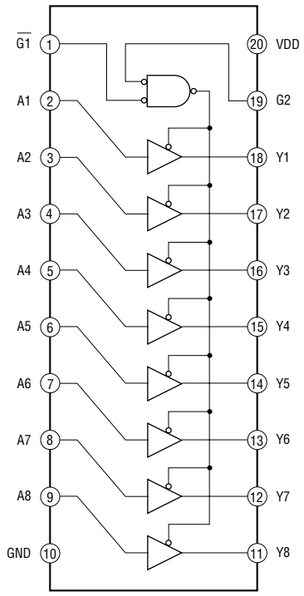
B (5/10) SN74LV244APWR (IC403)
B (6/10) SN74LV244APWR (IC509)



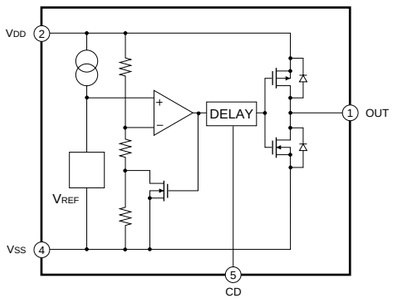
B (6/10) AD9888K-110 (IC502)



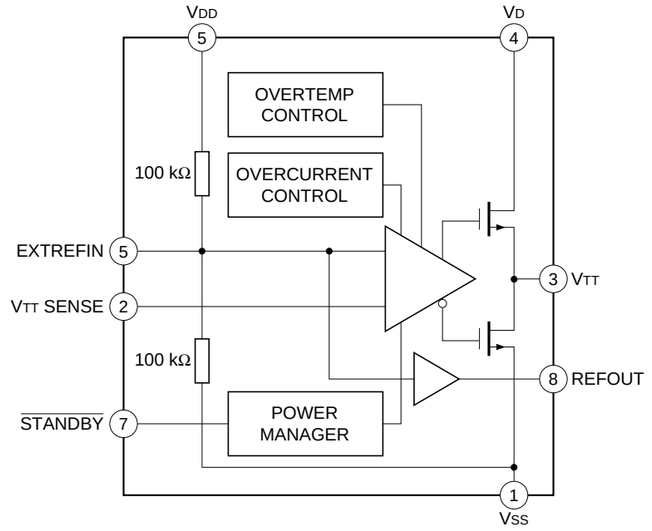
B (7/10) SN74LVC541APWR (IC600-606, 608,609)



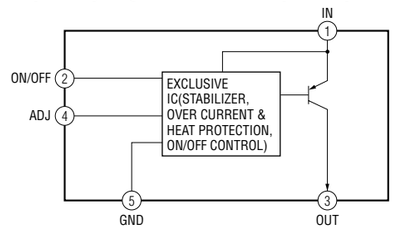
B (8/10) S-80928CNMC-G8YT2G (IC720)



B (9/10) NE57814DD (IC801)



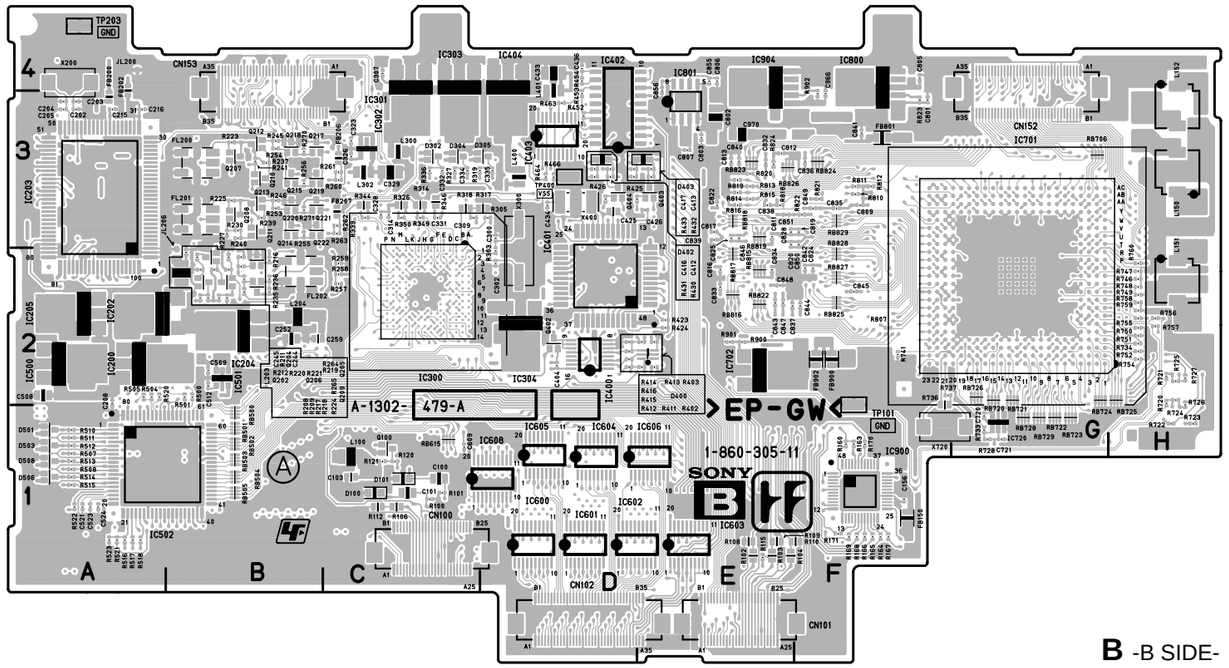
B (9/10) PQ025EZ01ZPH (IC800)
B (10/10) PQ025EZ01ZPH (IC904)



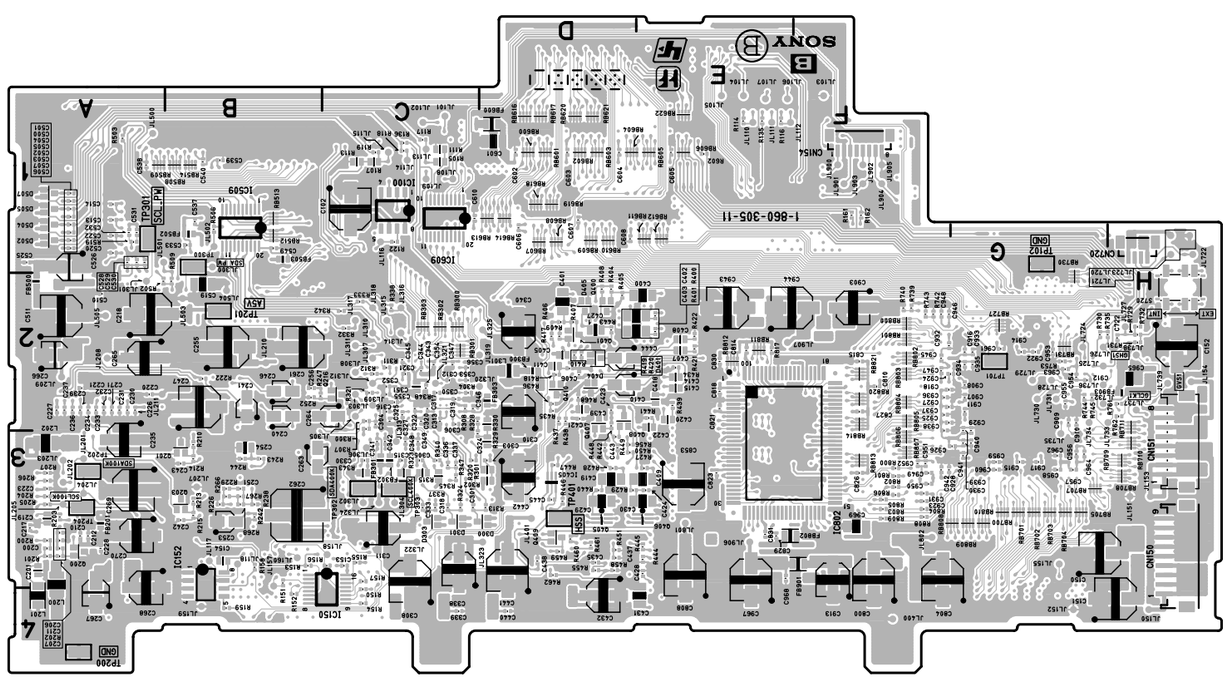
B Board

*:B SIDE

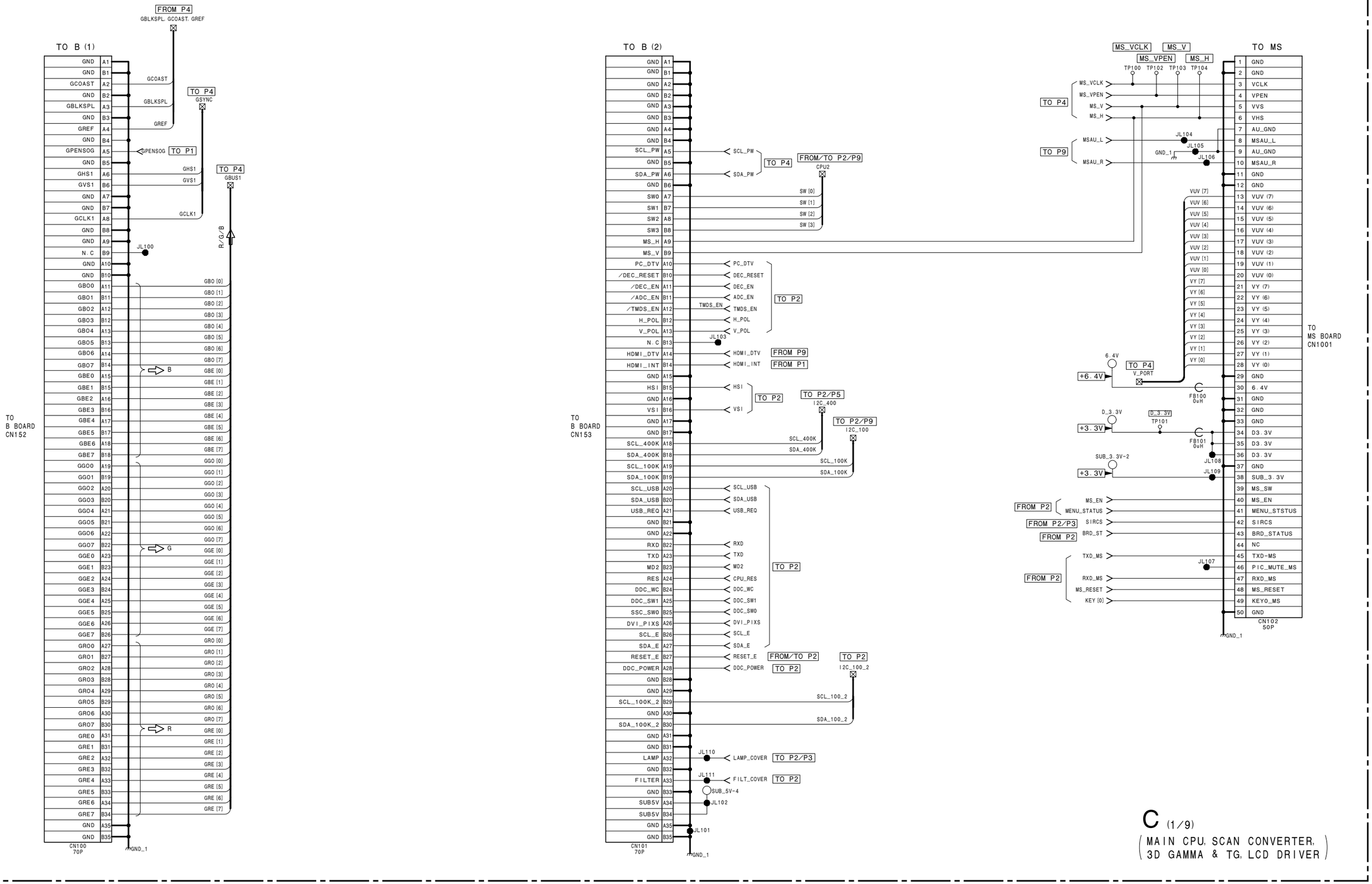
D100	C-1	IC600	D-1	Q403	E-3
D101	C-1	IC601	D-1	Q404	D-3
D300	*D-3	IC602	D-1	Q405	*D-3
D301	*C-3	IC603	E-1	Q406	*E-3
D302	C-3	IC604	D-1	Q407	*D-2
D303	*C-3	IC605	D-1	Q408	*E-3
D304	C-3	IC606	E-1	Q409	*D-3
D305	C-3	IC608	D-1	Q410	*D-2
D400	E-2	IC609	*C-1		
D401	*D-2	IC701	G-3	TP101	F-1
D402	D-3	IC702	E-2	TP102	*G-1
D403	E-3	IC720	G-1	TP200	*A-4
D404	*D-2	IC800	F-4	TP201	*B-2
D405	*D-2	IC801	E-3	TP202	*A-3
D501	A-1	IC802	*F-3	TP203	A-4
D502	*A-1	IC900	F-1	TP204	*A-3
D503	A-1	IC904	E-3	TP300	*B-1
D504	*A-1			TP301	*A-1
D505	*A-1	Q100	C-1	TP302	*C-3
D506	A-1	Q200	*A-3	TP303	*C-3
D507	*A-1	Q201	*B-3	TP400	D-3
D508	A-1	Q202	B-2	TP401	*D-3
		Q203	*B-3	TP701	*G-2
IC100	*C-1	Q204	B-2		
IC150	*C-4	Q205	B-2		
IC152	*B-3	Q206	B-2		
IC200	A-2	Q207	B-3		
IC202	A-2	Q208	B-3		
IC203	A-3	Q209	B-2		
IC204	B-2	Q210	B-3		
IC205	A-2	Q211	B-3		
IC301	C-4	Q212	B-3		
IC302	C-3	Q213	B-3		
IC303	C-4	Q214	B-3		
IC304	D-2	Q215	B-3		
IC400	D-2	Q216	*C-2		
IC401	D-2	Q217	B-3		
IC402	D-4	Q218	B-3		
IC403	D-4	Q219	B-3		
IC404	D-3	Q220	B-3		
IC405	*D-3	Q221	B-3		
IC500	A-2	Q222	B-3		
IC501	B-2	Q400	*D-2		
IC502	A-1	Q401	*D-2		
IC509	*B-1	Q402	D-2		



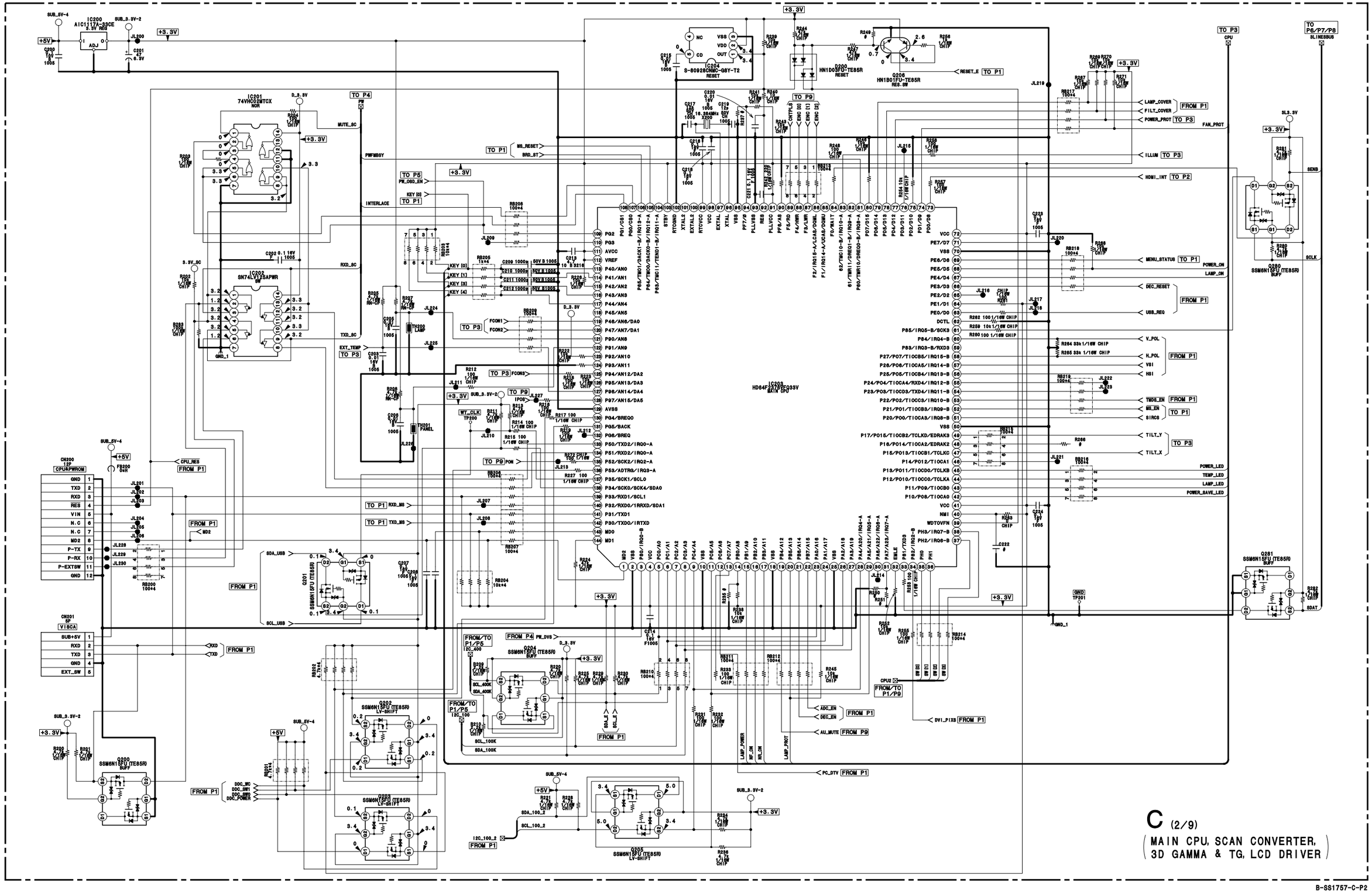
B -B SIDE-
SUFFIX: -11

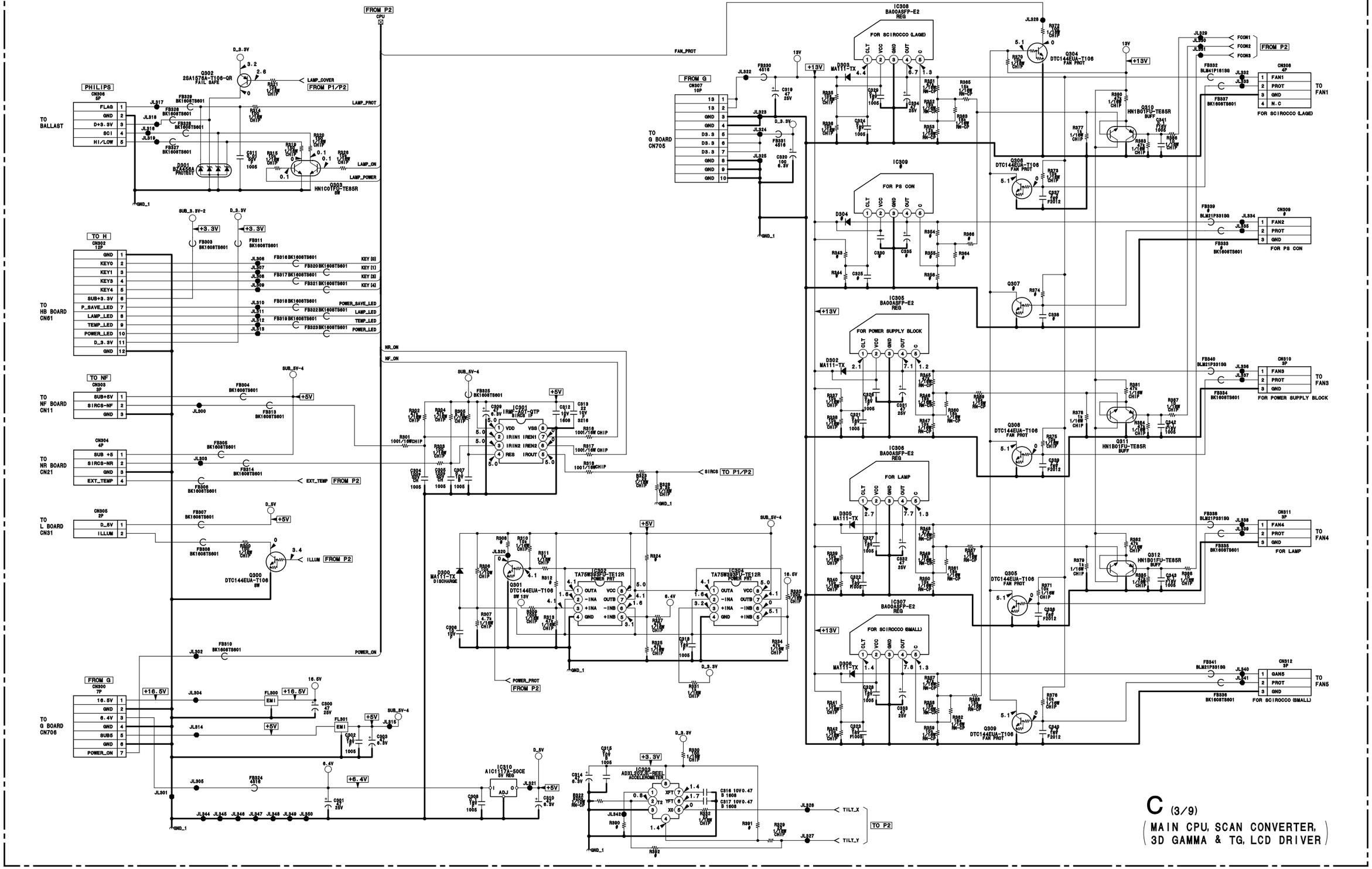


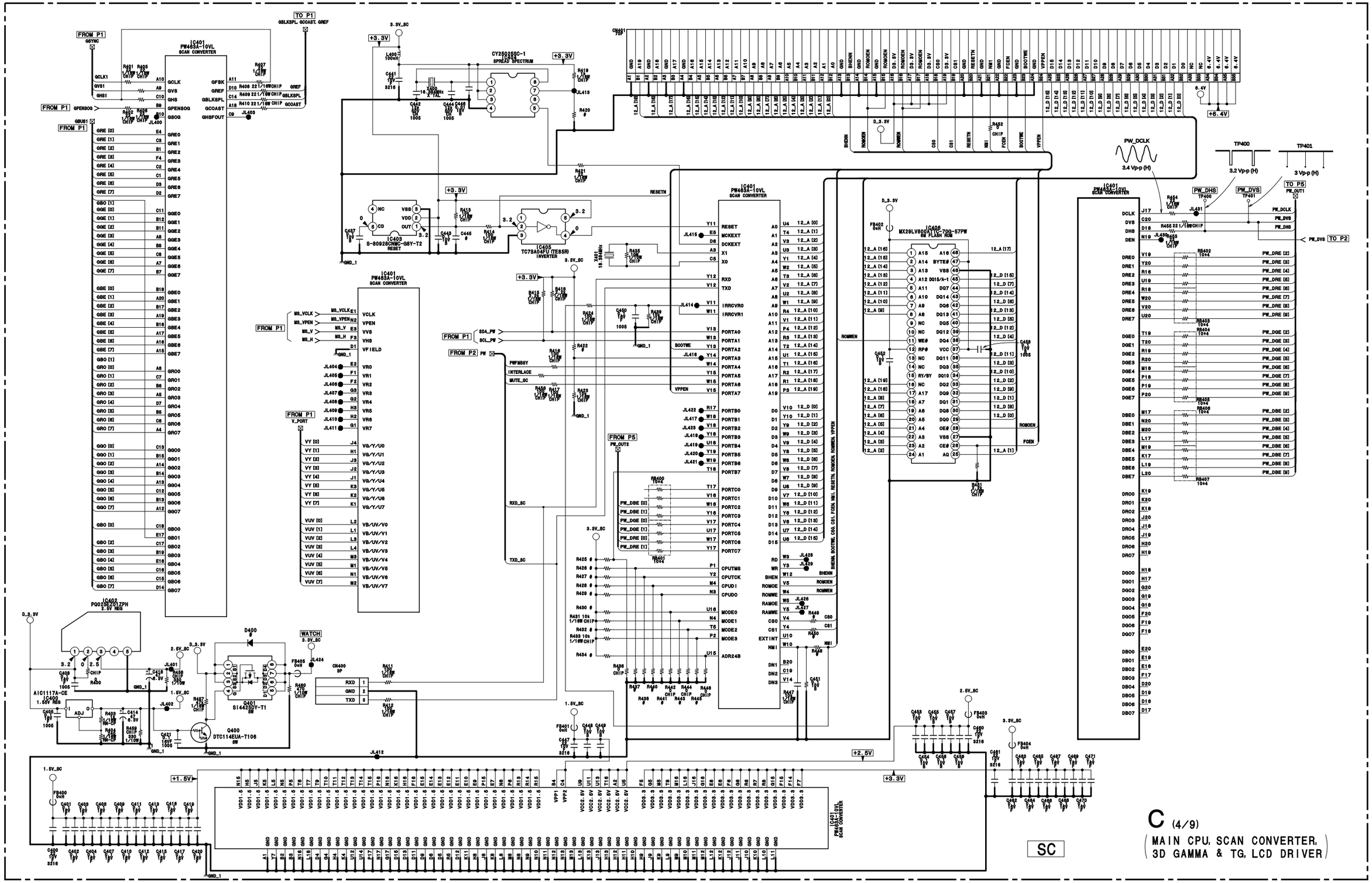
B -A SIDE-
SUFFIX: -11

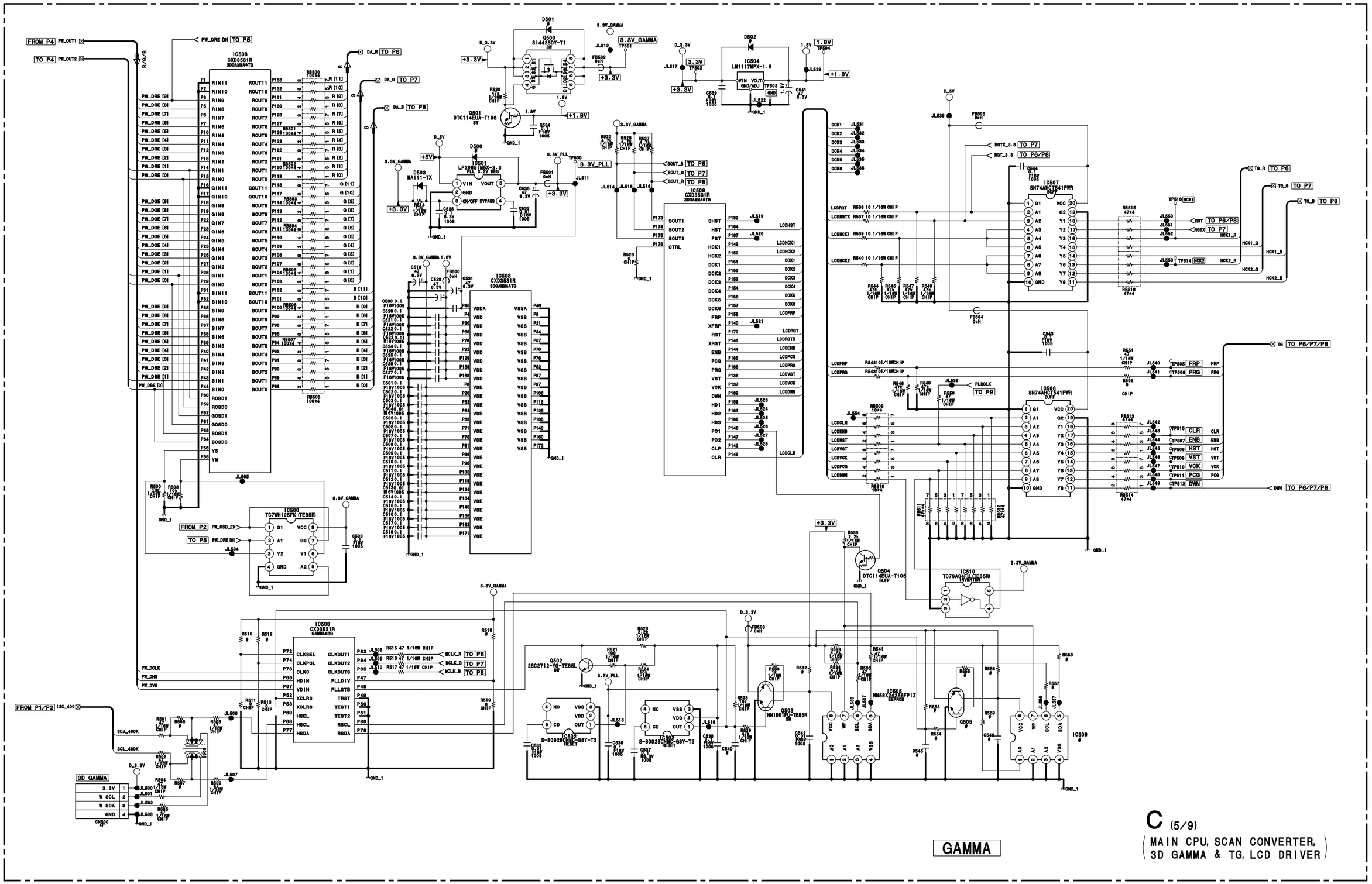

TO B (1)
FROM P4
GBLKSPL, GCOAST, GREF
TO P4
GSYNC
TO P1
TO P4
GBUS1
R/G/B
JL100
B
G
R
TO B BOARD CN152
CN100 70P
GND_1
TO B (2)
TO B BOARD CN153
CN101 70P
GND_1
TO P4
FROM/TO P2/P9
CPU2
TO P2
FROM P9
FROM P1
TO P2/P5
I2C_400
TO P2/P9
I2C_100
TO P2/P3
TO P2
I2C_100_2
FROM/TO P2
JL103
JL110
JL111
JL102
JL101
SUB_5V-4
MS_VCLK
MS_V
MS_VPEN
MS_H
TP100 TP102 TP103 TP104
TO P9
JL104
JL105
JL106
6.4V
V_PORT
FB100 0uH
D_3.3V
TP101
FB101 0uH
SUB_3.3V-2
JL108
JL109
JL107
FROM P2
FROM P2/P3
TO MS
TO MS BOARD CN1001
CN102 50P
GND_1
C (1/9)
MAIN CPU, SCAN CONVERTER, 3D GAMMA & TG, LCD DRIVER

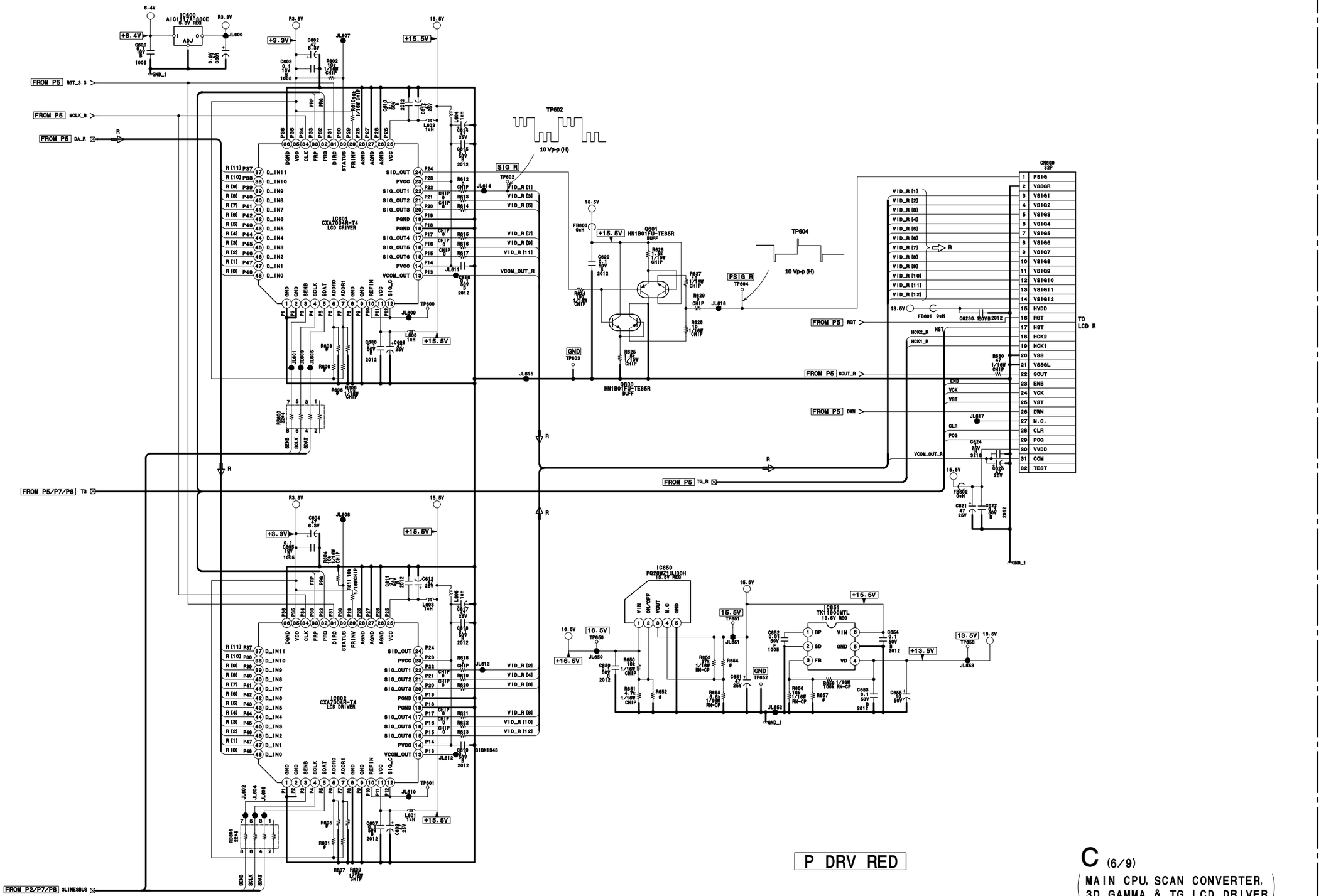
B-SS1757-C-P1

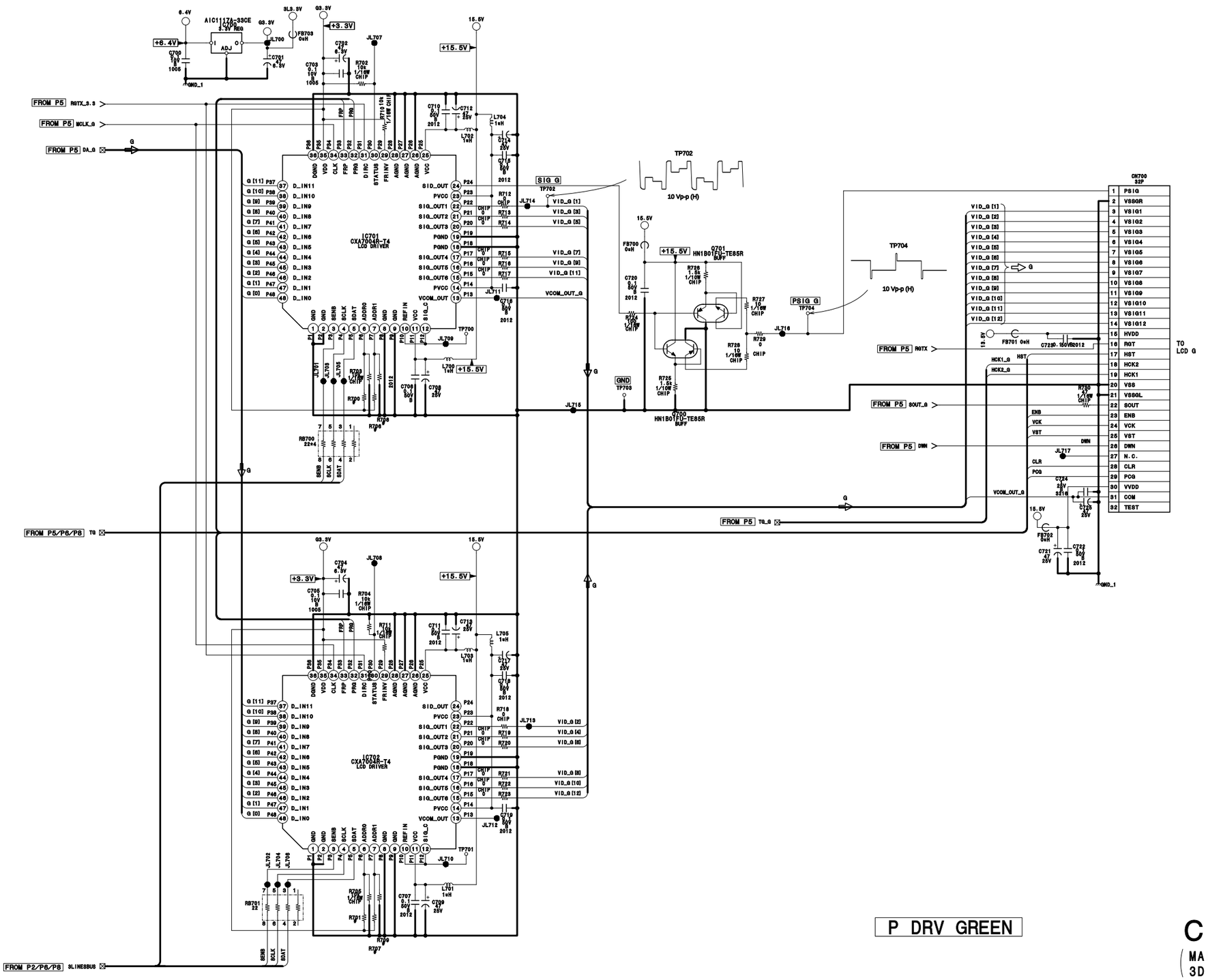

C (2/9)
MAIN CPU, SCAN CONVERTER, 3D GAMMA & TG, LCD DRIVER
B-SS1757-C-P2

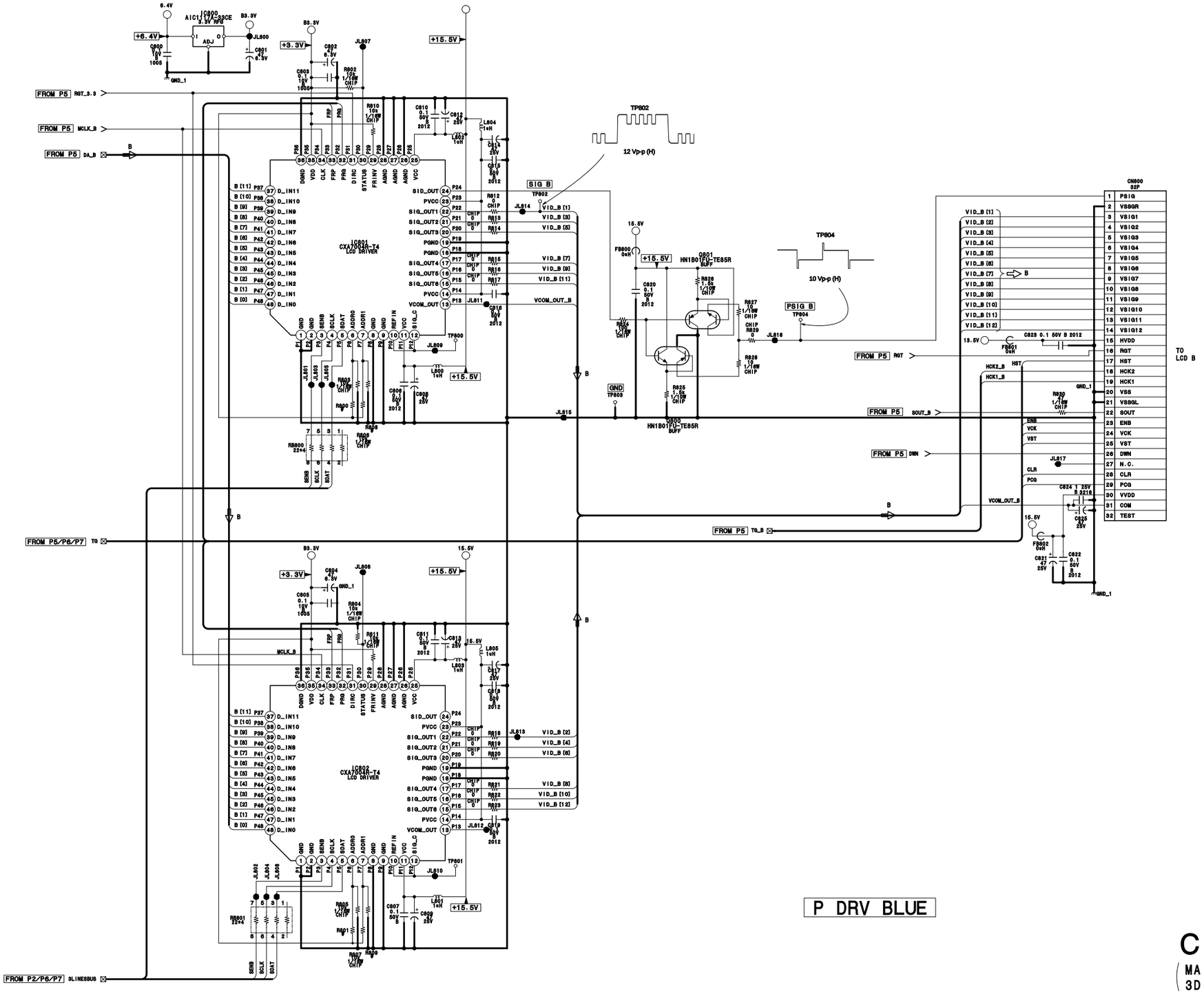

FROM P2
CPU
PHILIPS
CN306 5P
FLAG
GND
D+3.3V
SCI
HI/LOW
TO BALLAST
Q302 2SA1576A-T106-QR FAIL SAFE
LAMP_COVER
FROM P1/P2
LAMP_PROT
LAMP_ON
LAMP_POWER
Q303 HN1C01FU-TE85R SW
D301 RZ4.5E6A PROTECT
TO H
CN302 12P
GND
KEY0
KEY1
KEY3
KEY4
SUB+3.3V
P_SAVE_LED
LAMP_LED
TEMP_LED
POWER_LED
D_3.3V
TO HB BOARD CN61
KEY [0]
KEY [1]
KEY [3]
KEY [4]
POWER_SAVE_LED
LAMP_LED
TEMP_LED
POWER_LED
TO NF
CN303 3P
SUB+5V
SIRCS-NF
TO NF BOARD CN11
CN304 4P
SUB +5
SIRCS-NR
EXT_TEMP
TO NR BOARD CN21
CN305 2P
D_5V
ILLUM
TO L BOARD CN31
ILLUM
FROM G
CN300 7P
16.5V
6.4V
SUB5
POWER_ON
TO G BOARD CN706
NR_ON
NF_ON
IC301 IRMC-AGT-QTP SIRCS I/F
SIRCS TO P1/P2
IC310 AIC1117A-50CE 5V REG
IC303 ADXL202JE-REEL ACCELEROMETER
TILT_X
TILT_Y
TO P2
POWER_PROT
FROM P2
IC302 TA75W393FU-TE12R POWER PRT
IC304 TA75W393FU-TE12R POWER PRT
D300 MA111-TX DISCHARGE
Q301 DTC144EUA-T106 SW 10V
Q300 DTC144EUA-T106 SW
FAN_PROT
FROM G
CN307 10P
TO G BOARD CN705
IC308 BA00ASFP-E2 REG
FOR SCIROCCO (LAGE)
D308 MA111-TX
Q304 DTC144EUA-T106 FAN PROT
Q310 HN1B01FU-TE85R BUFF
IC309
FOR PS CON
D304
Q306 DTC144EUA-T106 FAN PROT
Q307
IC305 BA00ASFP-E2 REG
FOR POWER SUPPLY BLOCK
D302 MA111-TX
Q308 DTC144EUA-T106 FAN PROT
Q311 HN1B01FU-TE85R BUFF
IC306 BA00ASFP-E2 REG
FOR LAMP
D305 MA111-TX
Q305 DTC144EUA-T106 FAN PROT
Q312 HN1B01FU-TE85R BUFF
IC307 BA00ASFP-E2 REG
FOR SCIROCCO (SMALL)
D306 MA111-TX
Q309 DTC144EUA-T106 FAN PROT
FCON1
FCON2
FCON3
CN308 4P
FAN1
PROT
GND
N.C
TO FAN1
FOR SCIROCCO (LAGE)
CN309 3P
FAN2
FOR PS CON
CN310 3P
FAN3
TO FAN3
FOR POWER SUPPLY BLOCK
CN311 3P
FAN4
TO FAN4
FOR LAMP
CN312 3P
GAN5
TO FAN5
FOR SCIROCCO (SMALL)
C (3/9)
MAIN CPU, SCAN CONVERTER, 3D GAMMA & TG, LCD DRIVER
B-SS1757-C-P3


C (4/9)
MAIN CPU, SCAN CONVERTER, 3D GAMMA & TG, LCD DRIVER
SC
B-SS1757-C-P4
IC401 PW463A-10VL SCAN CONVERTER
IC402 PQ025EZ01ZPH 2.5V REG
IC403 CY25025SC-1 SPREAD SPECTRUM
IC404 S-80926CNMC-G8Y-T2 RESET
IC405 TC7SA04FU (TE85R) INVERTER
IC406 MX29LV800ATTC-70G-57PW 8M FLASH ROM
IC400 AIC1117A-CE 1.05V REG
Q400 DTC114EUA-T106
Q401 S1442SDY-T1
CN400 3P
CN401 40P
TP400
TP401
PW_DCLK
3.4 Vp-p (H)
3.2 Vp-p (H)
3 Vp-p (H)
PW_DHS
PW_DVS
TO P1
TO P2
TO P5
FROM P1
FROM P2
FROM P5
3.3V_SC
+3.3V
+2.5V
+1.5V
D_3.3V
2.5V_SC
1.5V_SC
WATCH
RESETN
SDA_PW
SCL_PW
RXD_SC
TXD_SC
BHEHN, BOOTME, CS0, CS1, FCEN, NMI, RESETN, ROMOEN, ROMWEN, VPPEN

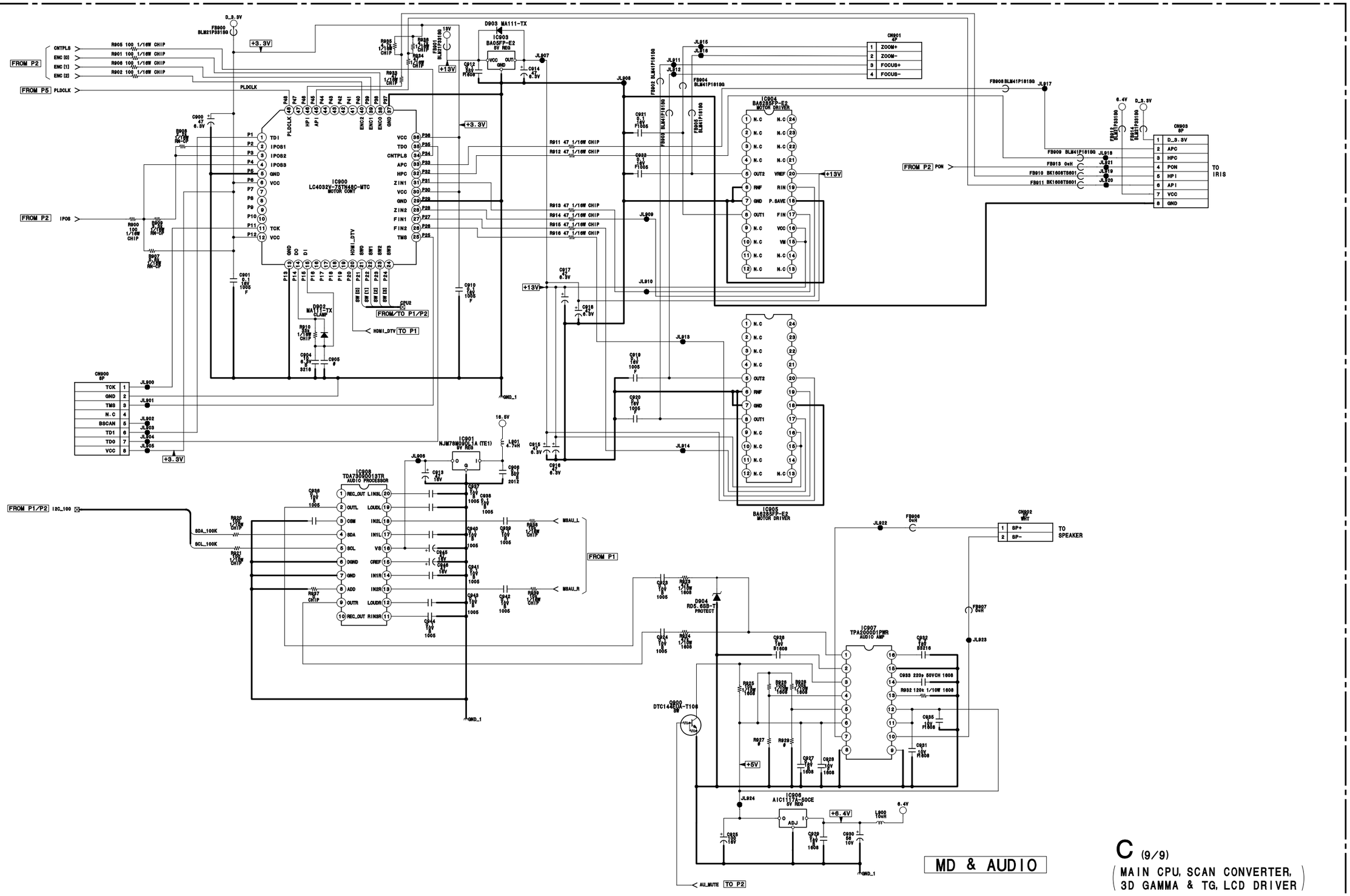

IC508 CXD3531R SDGAMMA4TG
IC500 TC7WH125FK (TE85R)
IC504 LM1117MPX-1.8
IC507 SN74AHCT541PWR
IC508 CXD3531R GAMMA6TG
IC510 TC7SAU04FU (TE85R)
Q500 S1442SDY-T1
Q501 DTC114EUA-T106
Q502 2SC2712-YG-TE85L
Q503 HN1B01FU-TE85R
Q504 DTC114EUA-T106
Q505
D500
D501
D502
D503 MA111-TX
FROM P4
TO P4
FROM P2
TO P5
FROM P1/P2
3D GAMMA
GAMMA
C (5/9)
MAIN CPU, SCAN CONVERTER, 3D GAMMA & TG, LCD DRIVER
B-SS1757-C-P5


FROM P5 RGT_3.3
FROM P5 MCLK_R
FROM P5 DA_R
FROM P5/P7/P8 TG
FROM P2/P7/P8 SLINESBUS
IC601 CXA7002AR-T4 LCD DRIVER
IC602 CXA7002AR-T4 LCD DRIVER
SIG R
SIG L
PSIG R
PSIG L
TP602
TP604
10 Vp-p (H)
Q601 HN1B01FU-TE85R BUFF
Q800 HN1B01FU-TE85R BUFF
IC650 PQ20WZ11UOOH 16.5V REG
IC651 TK11930MTL 13.5V REG
CN800 32P
TO LCD R
FROM P5 RGT
FROM P5 SOUT_R
FROM P5 DWN
FROM P5 TG_R
P DRV RED
C (6/9)
MAIN CPU, SCAN CONVERTER, 3D GAMMA & TG, LCD DRIVER
B-SS1757-C-P6

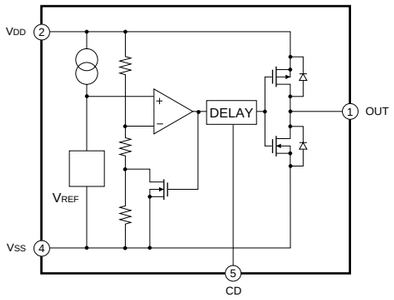

FROM P5 RGTX_3.3
FROM P5 MCLK_G
FROM P5 DA_G
FROM P5/P6/P8 TG
FROM P2/P6/P8 3LINESBUS
IC701 CXA7904AR-T4 LCD DRIVER
IC702 CXA7904AR-T4 LCD DRIVER
SIG G
PSIG G
VCOM_OUT_G
TP702
10 Vp-p (H)
TP704
10 Vp-p (H)
Q701 HN1B01FU-TE85R BUFF
Q702 HN1B01FU-TE85R BUFF
CN700 32P
TO LCD G
FROM P5 RGTX
FROM P5 SOUT_G
FROM P5 DWN
FROM P5 TG_G
P DRV GREEN
C (7/9)
MAIN CPU, SCAN CONVERTER, 3D GAMMA & TG, LCD DRIVER
B-SS1757-C-P7


+6.4V
+3.3V
+15.5V
FROM P5 RGT_3.3
FROM P5 MCLK_B
FROM P5 DA_B
FROM P5 RGT
FROM P5 SOUT_B
FROM P5 DWN
FROM P5 TG_B
FROM P5/P6/P7 TG
FROM P2/P6/P7 SLINESBUS
SIG B
PSIG B
VCOM_OUT_B
TO LCD B
IC800 AIC1117PC-33CE 3.3V REG
IC802 CXA7004R-T4 LCD DRIVER
Q800 HN1B01FU-TE85R BUFF
Q801 HN1B01FU-TE85R BUFF
TP802 12 Vp-p (H)
TP804 10 Vp-p (H)
CN900 32P
P DRV BLUE
C (8/9)
MAIN CPU, SCAN CONVERTER, 3D GAMMA & TG, LCD DRIVER

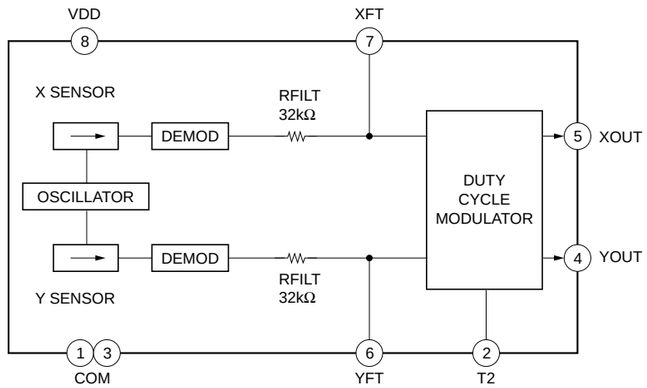
B-SS1757-C-P8


FROM P2
CNTPLS
ENC [0]
ENC [1]
ENC [2]
R805 100 1/16W CHIP
R801 100 1/16W CHIP
R806 100 1/16W CHIP
R802 100 1/16W CHIP
FROM P5 PLDCLK
FROM P2 IPOS
D_3.9V
FB900 BLM21P331SG
+3.3V
+13V
IC903 BA05FP-E2 5V REG
D903 MA111-TX
IC900 LC4032V-75TN48C-MTC MOTOR CONT
IC904 BA6285FP-E2 MOTOR DRIVER
IC905 BA6285FP-E2 MOTOR DRIVER
CN901 6P
1 ZOOM+
2 ZOOM-
3 FOCUS+
4 FOCUS-
FB908 BLM41P181SG
FB909 BLM41P181SG
FB913 0oH
FB910 BK1608TS601
FB911 BK1608TS601
FROM P2 PDN
CN903 8P
1 D_3.3V
2 APC
3 HPC
4 PON
5 HP1
6 AP1
7 VCC
8 GND
TO IRIS
CN900 8P
TCK 1
GND 2
TMS 3
N.C 4
BSCAN 5
TD1 6
TD0 7
VCC 8
+3.3V
IC901 NJM78M05FA1A (TE1) 5V REG
IC908 TDA7393SD013TR AUDIO PROCESSOR
FROM P1/P2 I2C_100
SDA_100K
SCL_100K
MSAU_L
MSAU_R
FROM P1
D904 RD5.6SB-T PROTECT
IC907 TPA2000D1PWR AUDIO AMP
Q900 DTC144EUA-T106
IC906 AIC1117-50CE 5V REG
+6.4V
+5V
AU_MUTE TO P2
CN902 4PT
1 SP+
2 SP-
TO SPEAKER
FROM/TO P1/P2
HDMI_DTV TO P1
GND_1
MD & AUDIO
C (9/9)
MAIN CPU, SCAN CONVERTER, 3D GAMMA & TG, LCD DRIVER
B-SS1757-C-P9

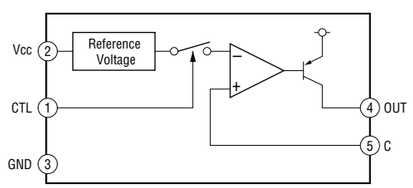
C (2/9) S-80928CNMC-G8YT2G (IC204)
C (4/9) S-80928CNMC-G8YT2G (IC403)
C (5/9) S-80928CNMC-G8YT2G (IC502, 503)



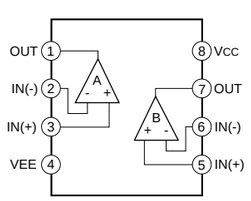
C (3/9) ADXL202JE-REEL (IC303)



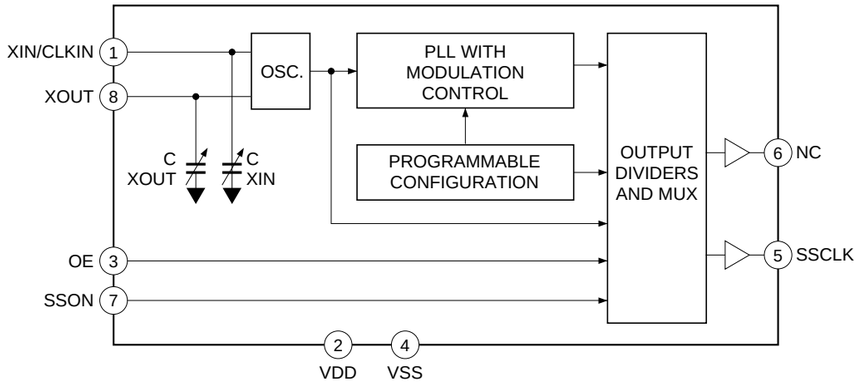
C (3/9) BA00ASFP-E2 (IC305-308)



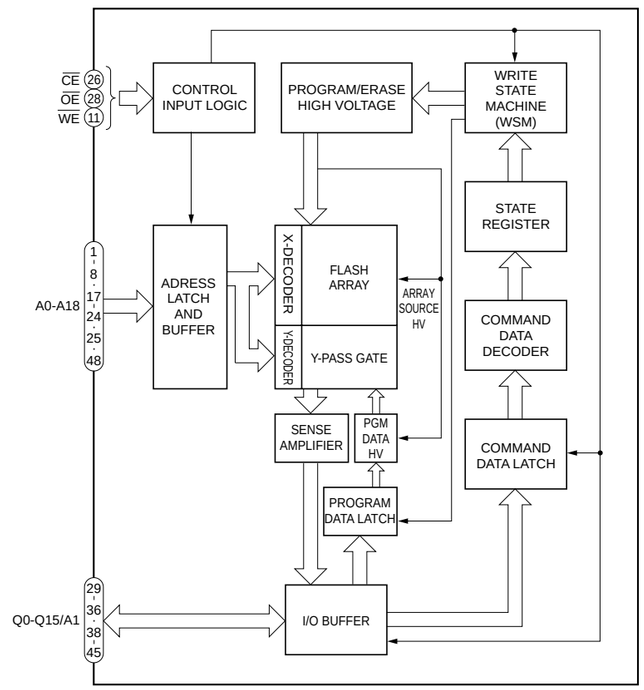
C (3/9) TA75W393FU-TE12R (IC302, 304)



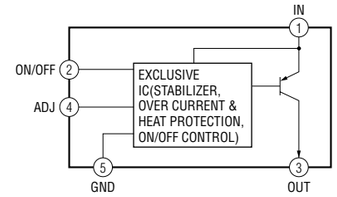
C (4/9) CY25025SZC-1T (IC404)



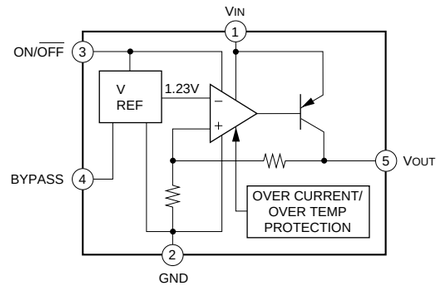
C (4/9) MX29LV800ATTC-70G-57PW (IC406)



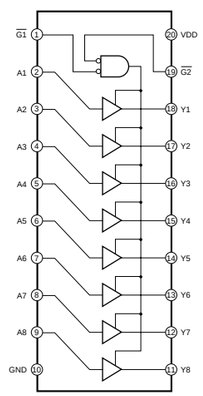
C (4/9) PQ025EZ01ZPH (IC402)
C (6/9) PQ20WZ1UJ00H (IC650)



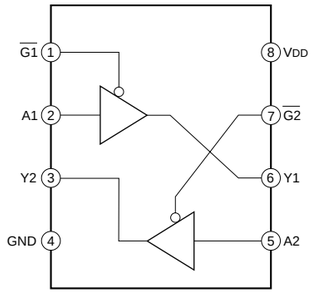
C (5/9) LP2985IM5X-3.3 (IC501)



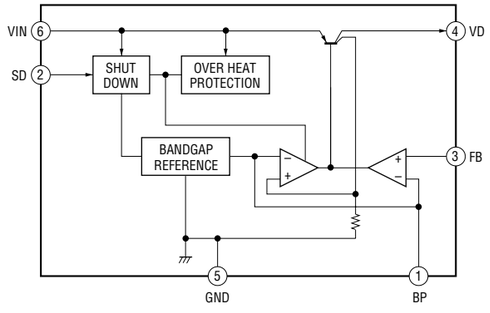
C (5/9) SN74AHCT541APWR (IC506, 507)



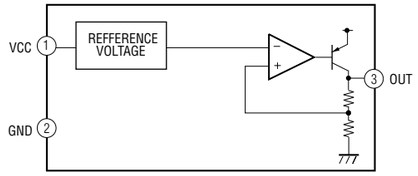
C (5/9) TC7WH125FK (IC500)



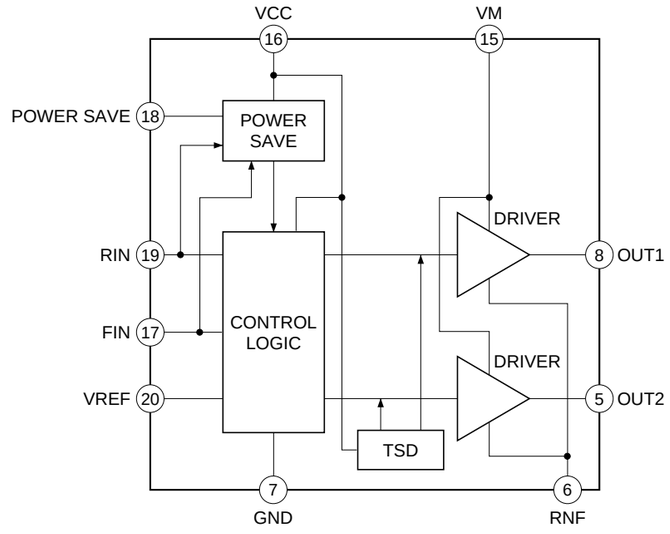
C (6/9) TK11900MTL (IC651)



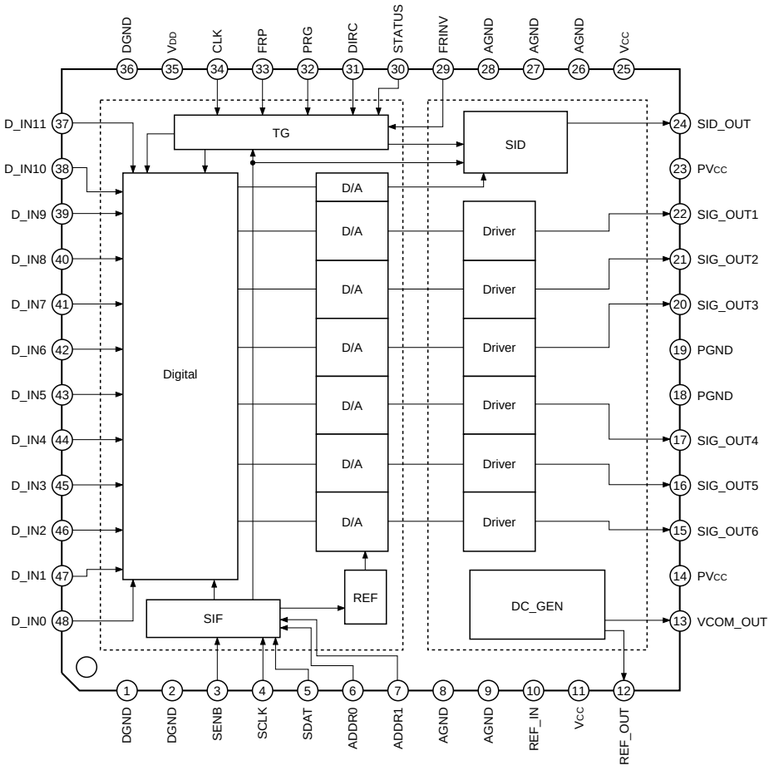
C (9/9) BA05FP-E2 (IC903)



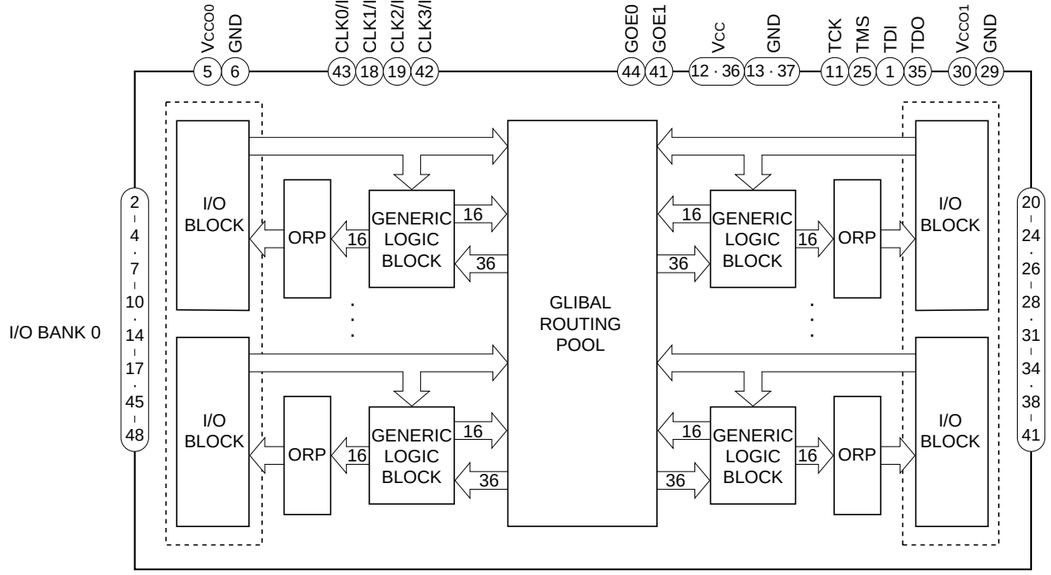
C (9/9) BA6285FP-E2 (IC904, 905)



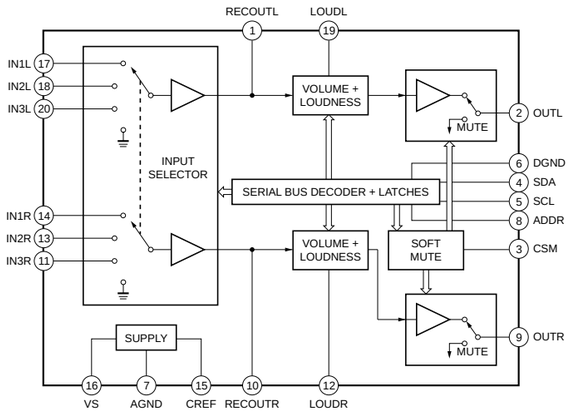
C (6/9) CXA7004R-T4 (IC601, 602)
C (7/9) CXA7004R-T4 (IC701, 702)
C (8/9) CXA7004R-T4 (IC801, 802)



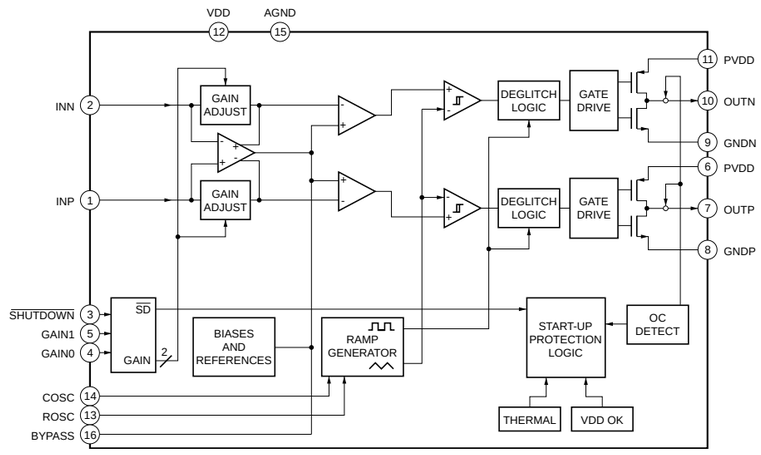
C (9/9) LC4032V-75TN48C-MTC (IC900)

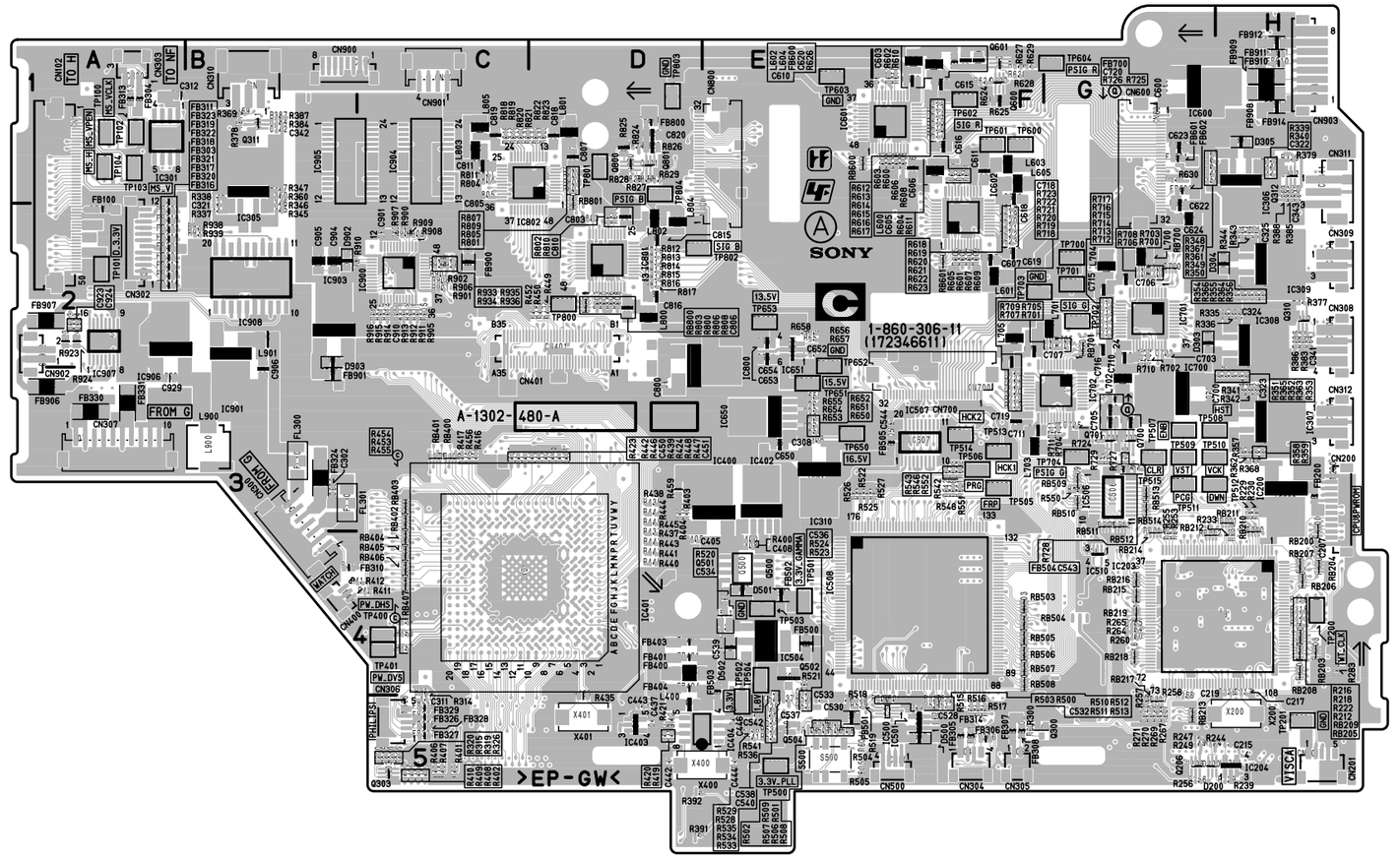


C (9/9) TDA7309D013TR (IC908)



C (9/9) TPA2000D1PW (IC907)





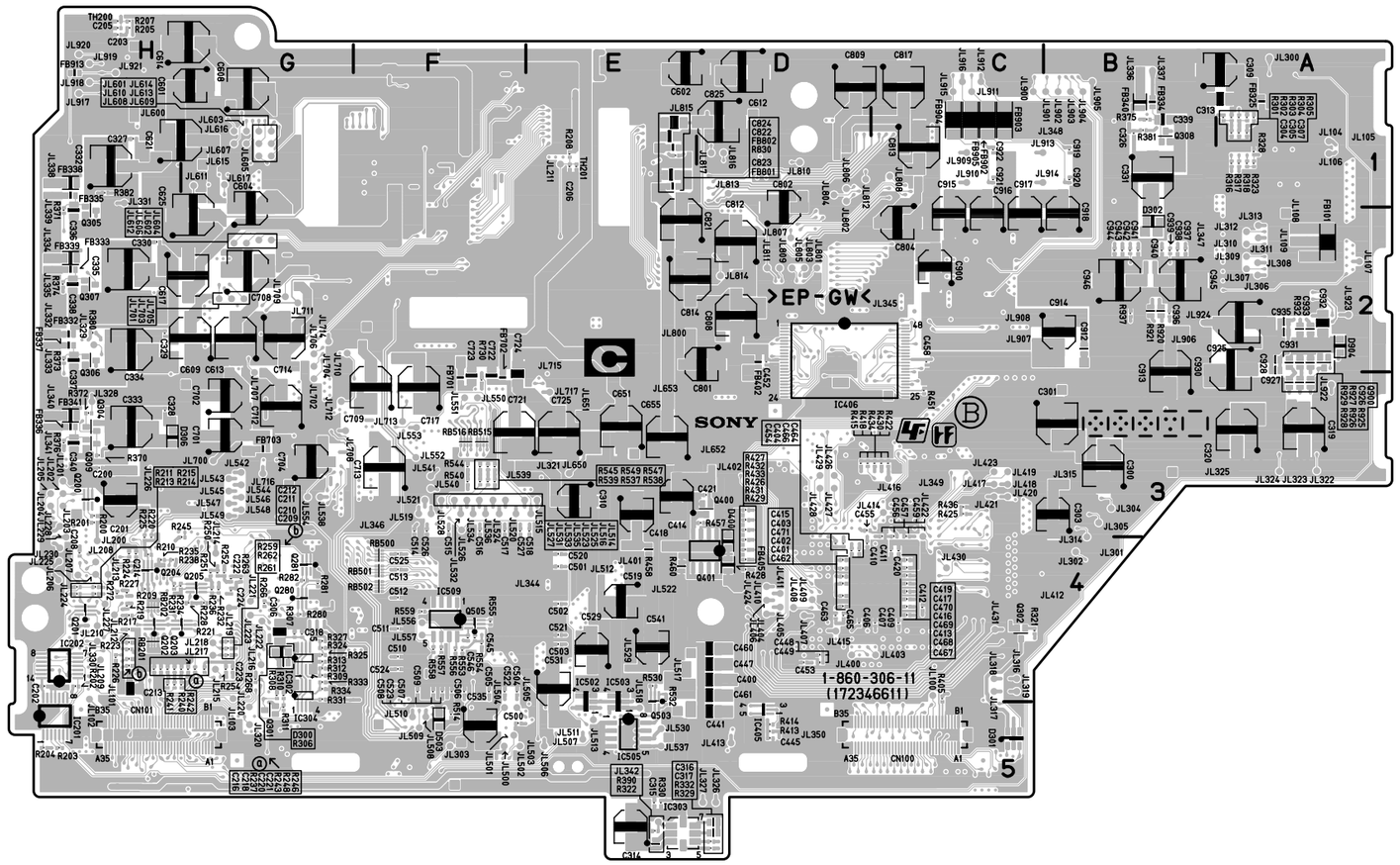
C Board

C -A SIDE-
SUFFIX: -11

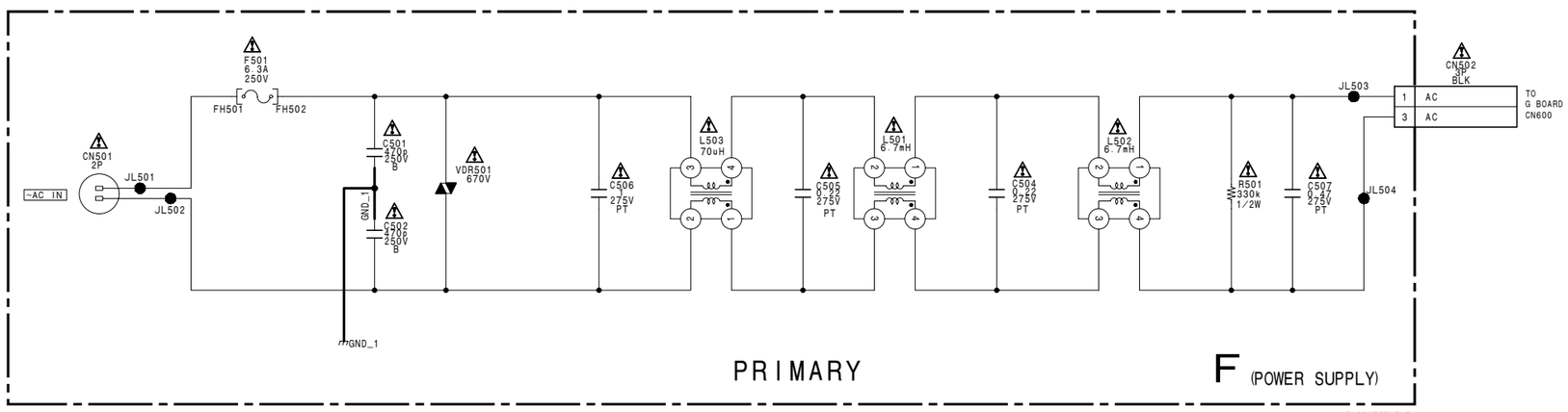
*:B SIDE

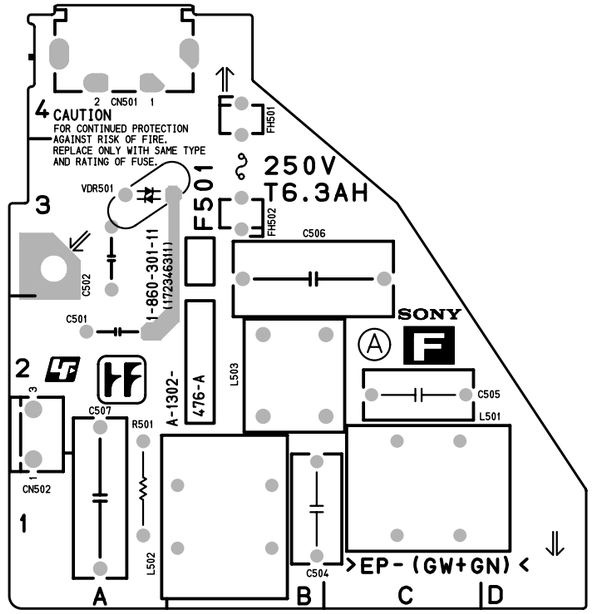
D200	G-5	IC501	F-5	Q204	*H-4	TP101	A-2	TP700	G-2		
D300	*G-5	IC502	*E-4	Q205	*G-4	TP102	A-1	TP701	G-2		
D301	C-5	IC503	*E-4	Q206	G-5	TP103	A-1	TP702	G-2		
D302	*B-2	IC504	E-4	Q280	*G-4	TP104	A-1	TP703	F-2		
D303	G-2	IC505	*E-5	Q281	*G-4	TP200	H-4	TP704	G-3		
D305	H-1	IC506	G-3	Q300	G-5	TP201	H-4	TP800	D-2		
D306	*H-3	IC507	F-3	Q301	*G-5	TP400	C-4	TP801	D-1		
D503	*F-5	IC508	E-4	Q302	*C-4	TP401	C-4	TP802	E-2		
D902	B-2	IC510	G-4	Q303	C-5	TP500	E-5	TP803	D-1		
D903	B-2	IC600	G-1	Q304	*H-3	TP501	E-4	TP804	D-1		
D904	*A-2	IC601	F-1	Q305	*H-2	TP502	E-4				
		IC602	F-1	Q306	*H-2	TP503	E-4				
IC200	H-3	IC650	E-3	Q308	*B-1	TP504	E-4				
IC201	*H-5	IC651	E-2	Q309	*H-3	TP505	F-3				
IC202	*H-4	IC700	G-3	Q310	H-2	TP506	F-3				
IC203	G-4	IC701	G-2	Q311	B-1	TP507	G-3				
IC204	H-5	IC702	G-3	Q312	H-1	TP508	G-3				
IC301	A-1	IC800	E-2	Q400	*D-3	TP509	G-3				
IC302	*G-4	IC801	D-2	Q401	*D-4	TP510	G-3				
IC303	*E-5	IC802	C-2	Q500	E-4	TP511	G-3				
IC304	*G-5	IC900	C-2	Q501	E-4	TP512	G-3				
IC305	B-2	IC901	B-3	Q502	E-4	TP513	F-3				
IC306	H-1	IC903	B-2	Q503	*E-5	TP514	F-3				
IC307	H-3	IC904	C-1	Q504	E-5	TP515	G-3				
IC308	H-2	IC905	B-1	Q600	F-1	TP600	F-1				
IC310	E-3	IC906	A-2	Q601	F-1	TP601	F-1				
IC400	E-3	IC907	A-2	Q700	G-3	TP602	F-1				
IC402	E-3	IC908	B-2	Q701	G-3	TP603	E-1				
IC403	D-5			Q800	D-1	TP604	G-1				
IC404	E-5	Q200	*H-3	Q801	D-1	TP650	E-3				
IC405	*D-5	Q201	*H-4	Q900	*A-2	TP651	E-3				
IC406	*D-3	Q202	*H-4			TP652	E-2				
IC500	F-5	Q203	*H-4	TP100	A-1	TP653	E-2				

6-30

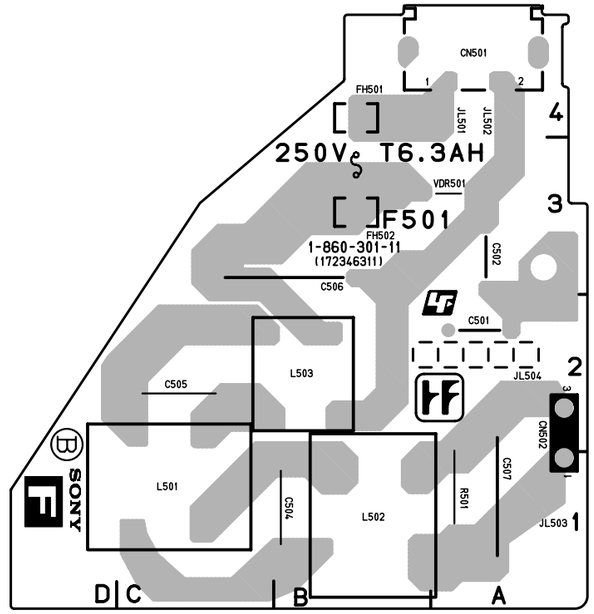


C -B SIDE-
SUFFIX: -11

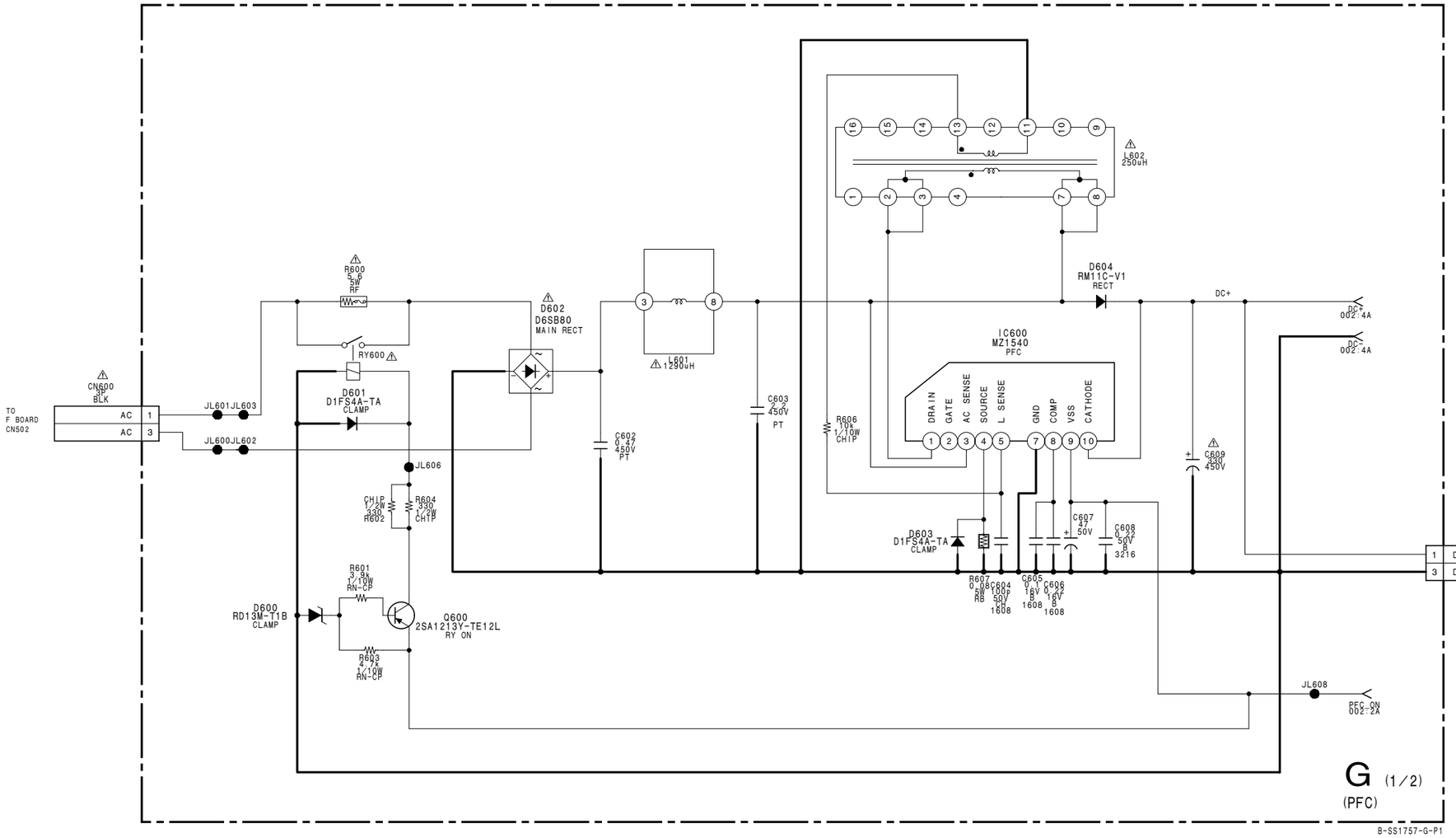


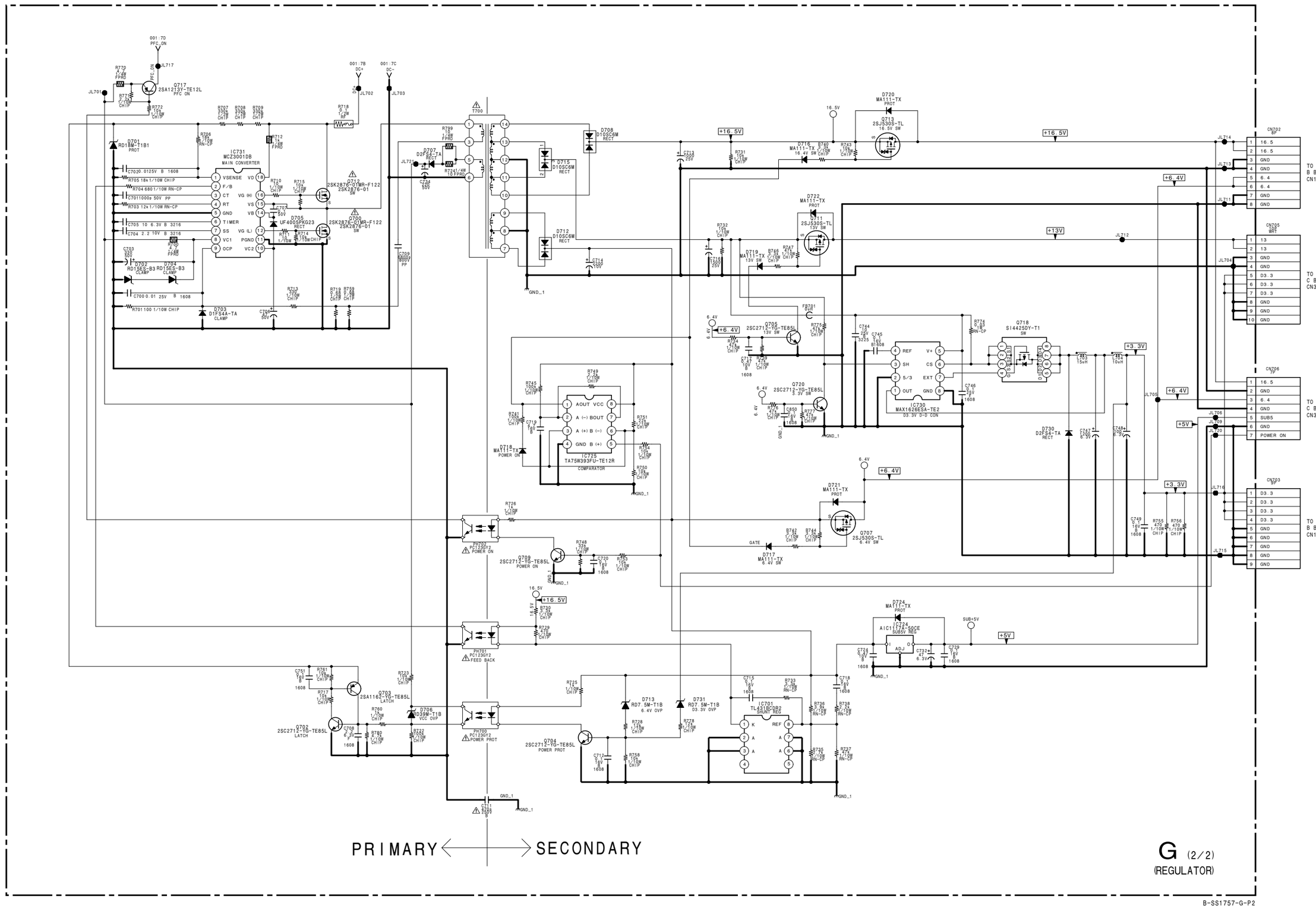


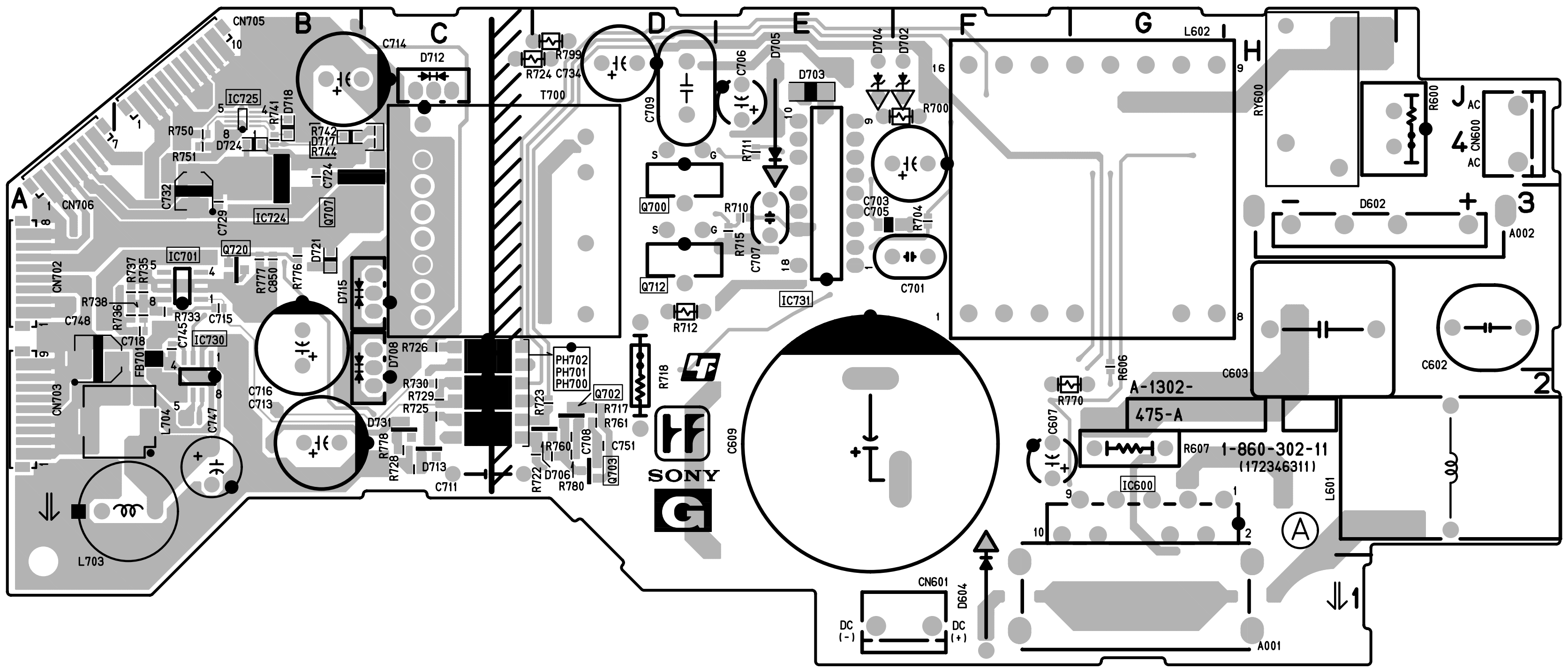
F -A SIDE-
SUFFIX: -11



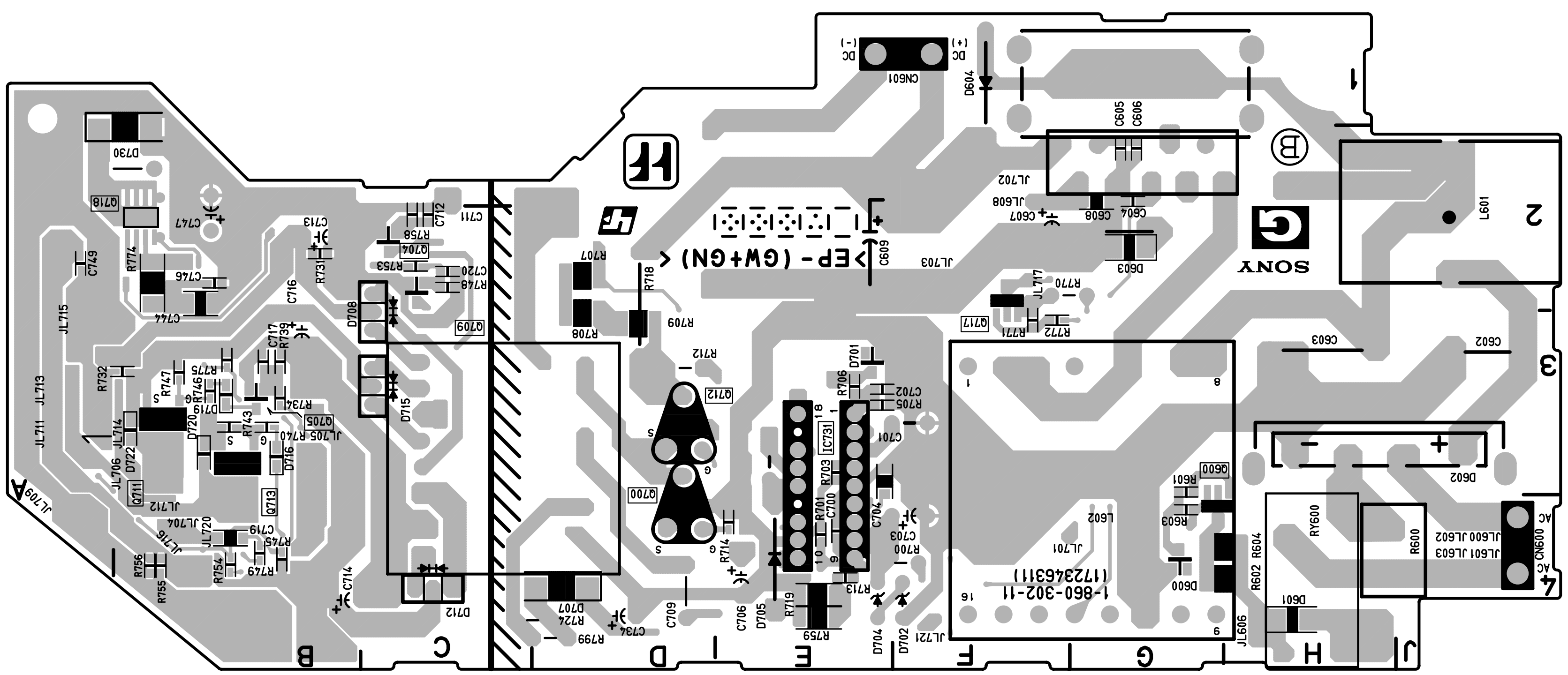
F -B SIDE-
SUFFIX: -11


CN600
3P
BLK
TO
F BOARD
CN502
AC 1
AC 3
JL601 JL603
JL600 JL602
R600
5.6
5W
RF
RY600
D601
D1FS4A-TA
CLAMP
D602
D6SB80
MAIN RECT
L601
1290uH
C602
0.47
450V
PT
C603
2.2
450V
PT
JL606
CHIP
1/2W
330
R602
R604
330
1/2W
CHIP
R601
3.9K
1/10W
RN-CP
D600
RD13M-T1B
CLAMP
Q600
2SA1213Y-TE12L
RY ON
R603
4.7K
1/10W
RN-CP
L602
250uH
D604
RM11C-V1
RECT
DC+
DC-
002-4A
IC600
MZ1540
PFC
DRAIN
GATE
AC SENSE
SOURCE
L SENSE
GND
COMP
VSS
CATHODE
R606
10k
1/10W
CHIP
C609
330
450V
D603
D1FS4A-TA
CLAMP
R607
0.068
5W
RB
C604
100p
50V
CH
1608
C605
1
16V
B
1608
C606
0.22
16V
B
1608
C607
47
50V
C608
0.47
50V
B
3216
CN601
3P
WHT
1 DC (+)
3 DC (-)
TO
BALLAST
JL608
PFC ON
002-2A
G (1/2)
(PFC)
B-SS1757-G-P1


IC731 MCZ3001DB MAIN CONVERTER
VSENSE
F/B
CT
RT
GND
TIMER
SS
VC1
OCP
VD
VG (H)
VS
VB
PGND
VC2
VG (L)
D701 RD18M-T1B1 PROT
D702 RD15ES-B3 CLAMP
D704 RD15ES-B3 CLAMP
D703 D1FS4A-TA CLAMP
D712 2SK2876-01MR-F122 2SK2876-01 SW
D700 2SK2876-01MR-F122 2SK2876-01 SW
D705 UF4005PKG23 RECT
T700
D708 D10SC6M RECT
D715 D10SC6M RECT
D712 D10SC6M RECT
D707 D2FS4-TA RECT
D720 MA111-TX PROT
Q713 2SJ530S-TL 16.5V SW
D716 MA111-TX 16.4V SW
D722 MA111-TX PROT
Q711 2SJ530S-TL 13V SW
D719 MA111-TX 13V SW
D721 MA111-TX PROT
Q707 2SJ530S-TL 6.4V SW
D717 MA111-TX 6.4V SW
D724 MA111-TX PROT
IC724 AIC1117-50CE 5V/0.8A REG
Q705 2SC2712-YG-TE85L 13V SW
Q720 2SC2712-YG-TE85L 3.3V SW
IC730 MAX1626ESA-TE2 3.3V D-D CON
Q718 SI4425DY-T1 SW
D730 D2FS4-TA RECT
IC725 TA75W393FU-TE12R COMPARATOR
D718 MA111-TX POWER ON
PH702 PC123GY2 POWER ON
Q709 2SC2712-YG-TE85L POWER ON
PH701 PC123GY2 FEED BACK
PH700 PC123GY2 POWER PROT
Q703 2SA1162-YG-TE85L LATCH
Q702 2SC2712-YG-TE85L LATCH
Q704 2SC2712-YG-TE85L POWER PROT
D706 RD39M-T1B VCC OVP
D713 RD7.5M-T1B 6.4V OVP
D731 RD7.5M-T1B 3.3V OVP
IC701 TL431BCDBR2 SHUNT REG
Q717 2SA1213Y-TE12L PFC ON
FB701
001:7D PFC_ON
001:7B DC+
001:7C DC-
JL701
JL702
JL703
JL717
+16.5V
+13V
+6.4V
+5V
+3.3V
SUB+5V
GND_1
CN702 BP
CN705 BAT
CN706 TP
CN707 BP
CN703 BP
TO B BOARD CN151
TO C BOARD CN307
TO C BOARD CN300
TO B BOARD CN150
PRIMARY
SECONDARY
G (2/2)
(REGULATOR)
B-SS1757-G-P2



G -A SIDE-
SUFFIX: -11



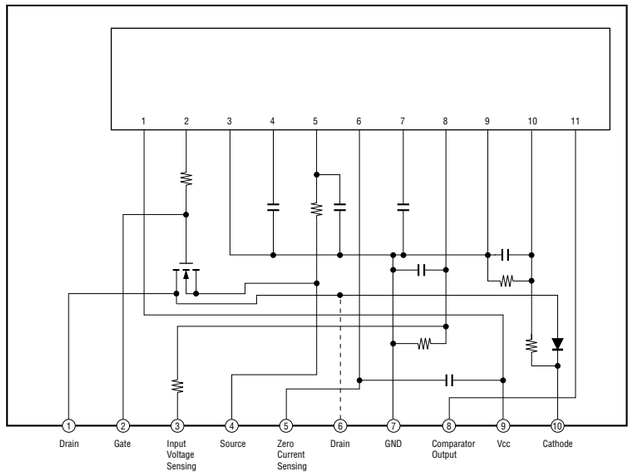
G -B SIDE-
SUFFIX: -11

G Board

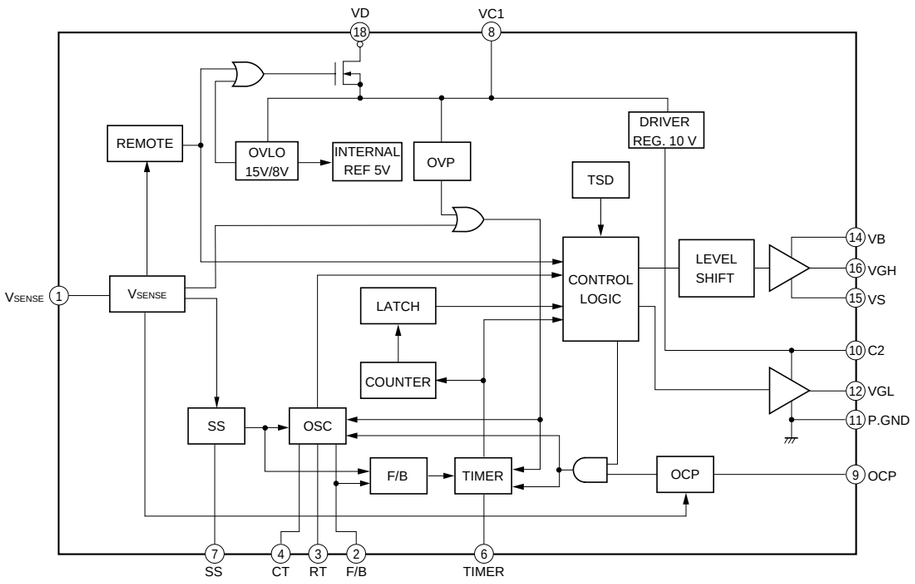
*:B SIDE

D600	* G-4
D601	* H-4
D602	* J-3
D603	* G-2
D604	* F-1
D701	* E-3
D702	* F-4
D703	E-4
D704	* E-4
D705	* E-4
D706	D-2
D707	* D-4
D708	* C-2
D712	* C-4
D713	C-2
D715	* C-3
D716	* B-4
D717	B-4
D718	B-4
D719	* B-4
D720	* B-4
D721	B-3
D722	* B-4
D724	B-4
D730	* B-2
D731	C-2
IC600	G-2
IC701	B-3
IC724	B-3
IC725	B-4
IC730	B-3
IC731	* E-3
PH700	C-2
PH701	C-2
PH702	C-2
Q600	* G-3
Q700	* D-4
Q702	D-2
Q703	D-2
Q704	* C-2
Q705	* B-4
Q707	B-3
Q709	* C-3
Q711	* B-4
Q712	* D-3
Q713	* B-4
Q717	* F-3
Q718	* B-2
Q720	B-3

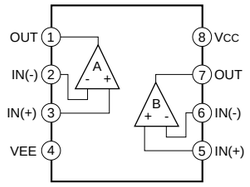
G (1/2) MZ1540 (IC600)



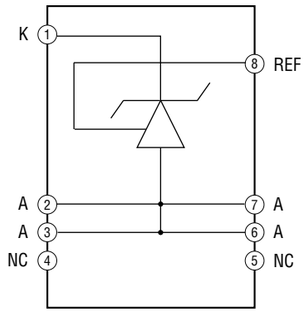
G (2/2) MCZ3001DB (IC731)



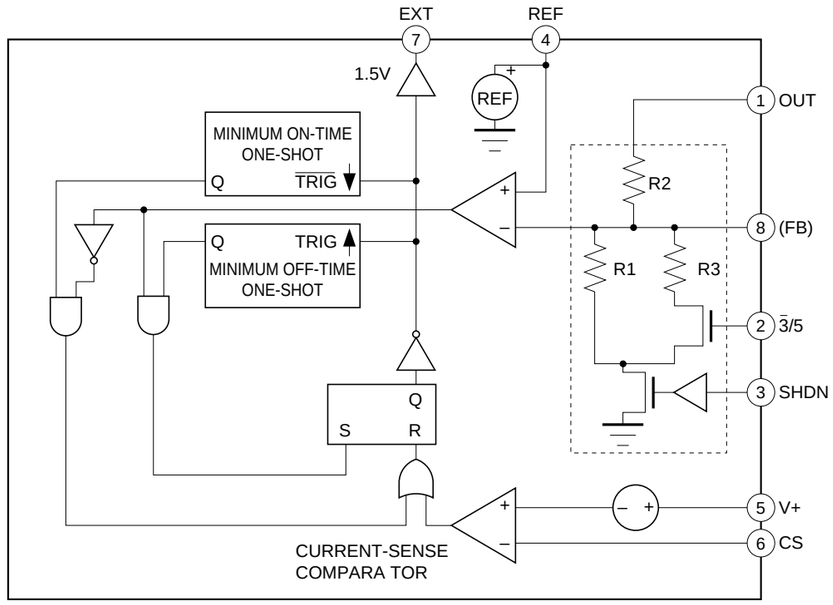
G (2/2) TA75W393FU-TE12R (IC725)

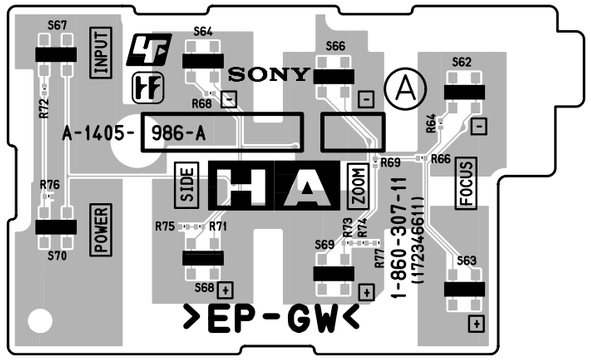


G (2/2) TL431BCDR2 (IC701)

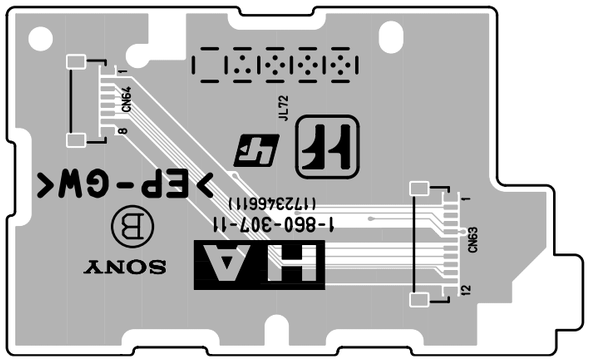


G (2/2) MAX1626ESA-TE2 (IC730)

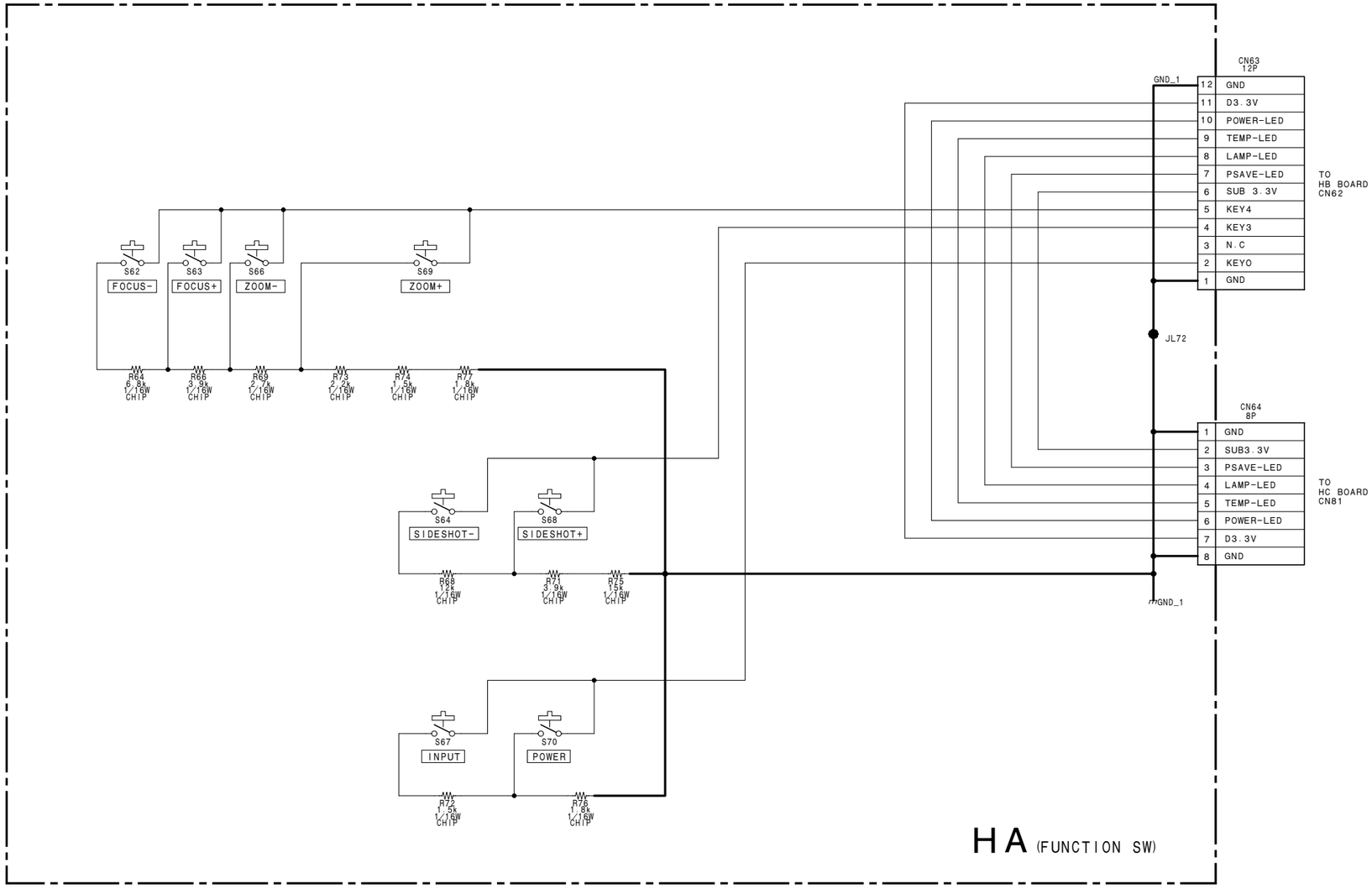




HA -A SIDE-
SUFFIX: -11

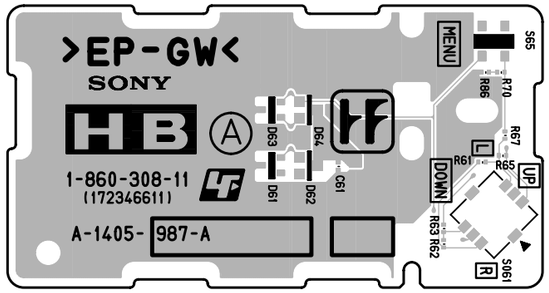


HA -B SIDE-
SUFFIX: -11

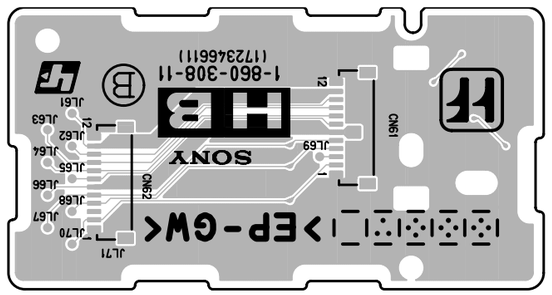


HA (FUNCTION SW)

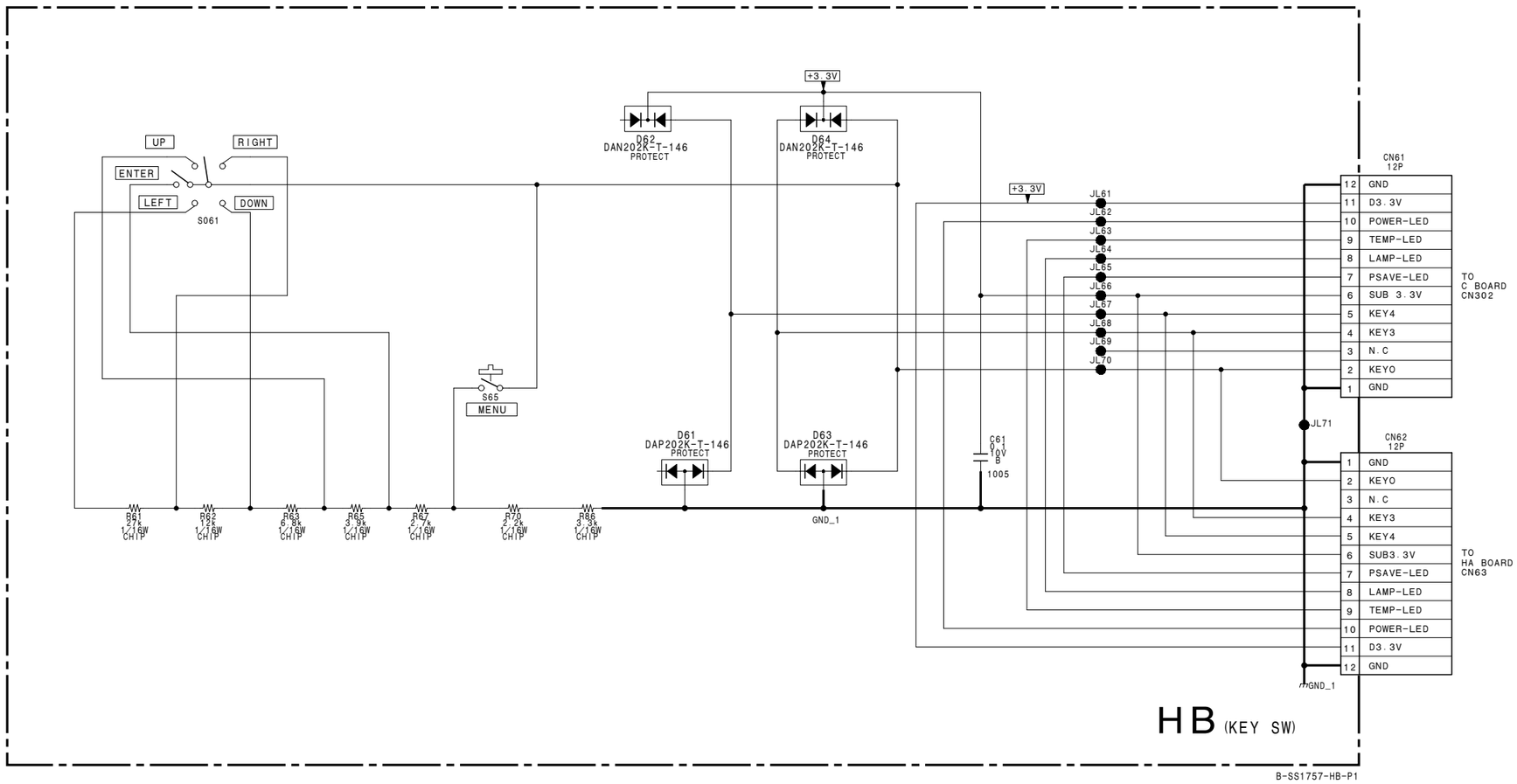
B-SS1757-HA-P1

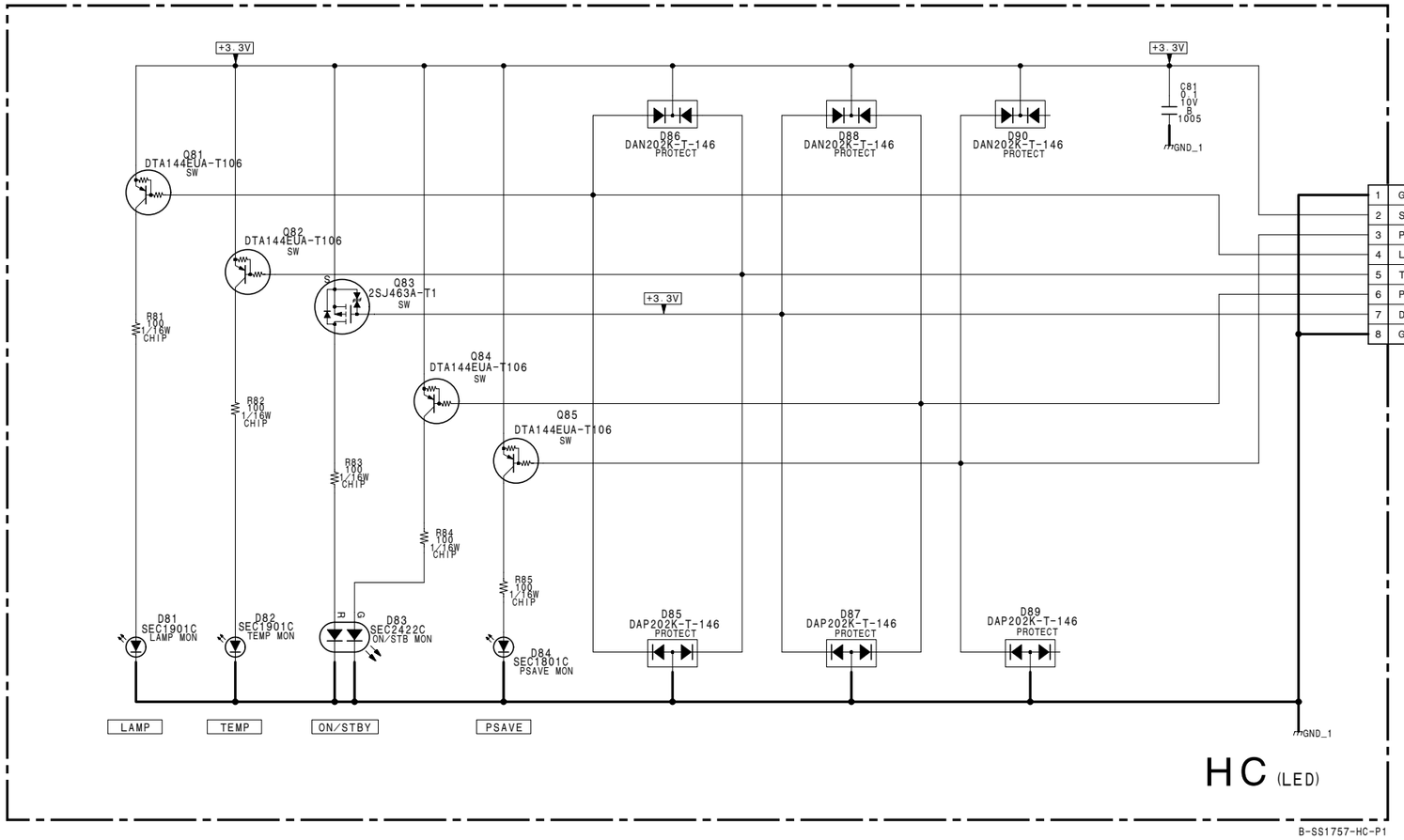


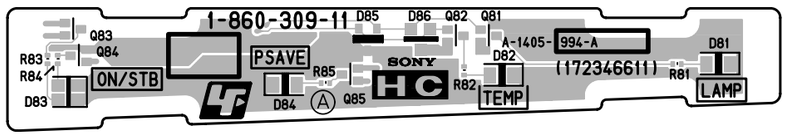
HB -A SIDE-
SUFFIX: -11



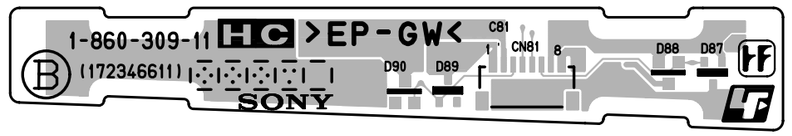
HB -B SIDE-
SUFFIX: -11



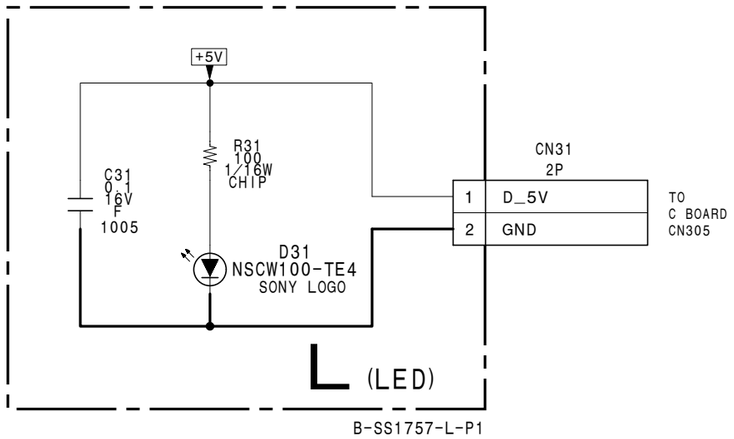


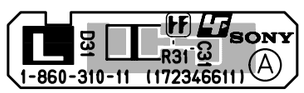


HC -A SIDE-
SUFFIX: -11



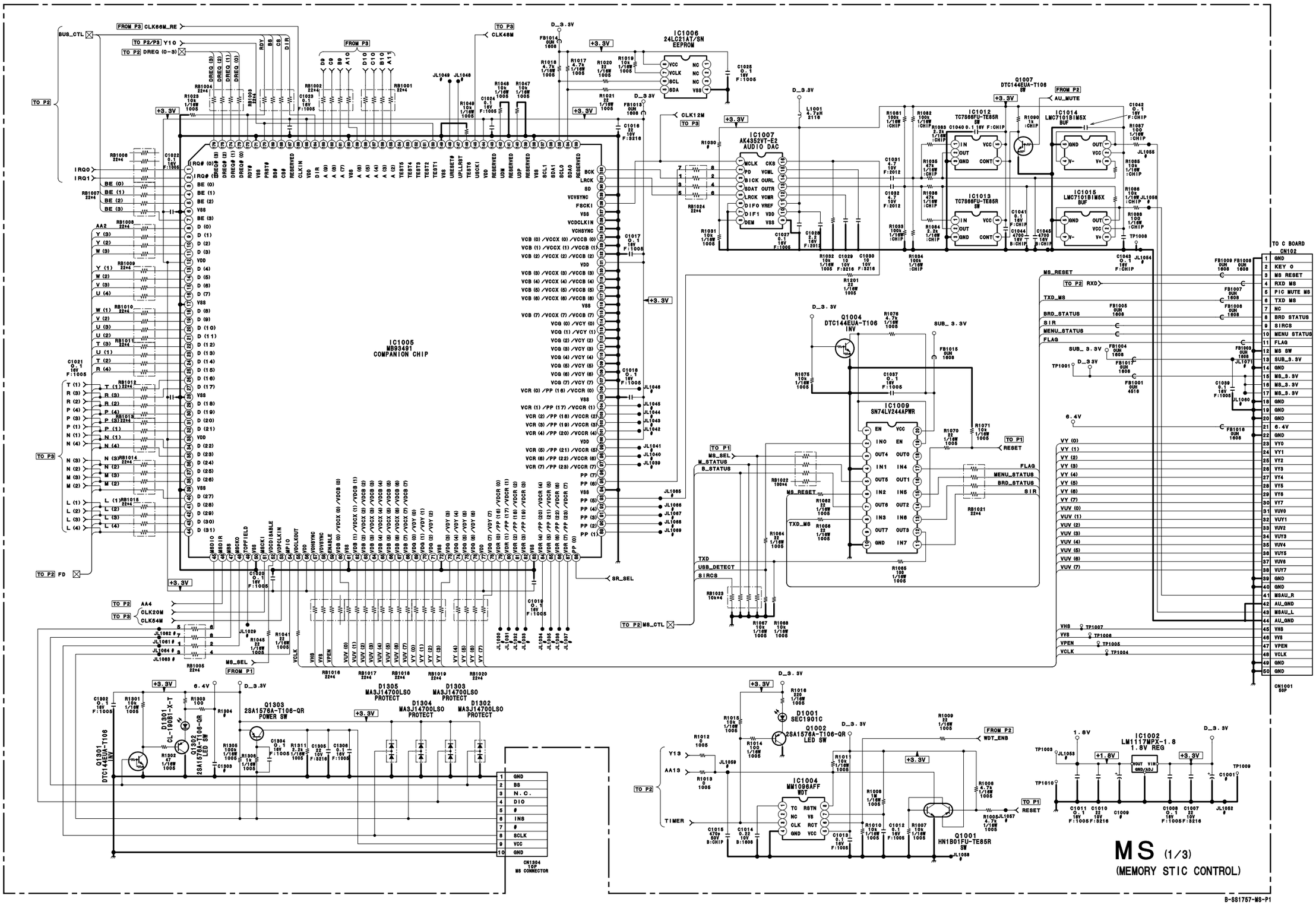
HC -B SIDE-
SUFFIX: -11

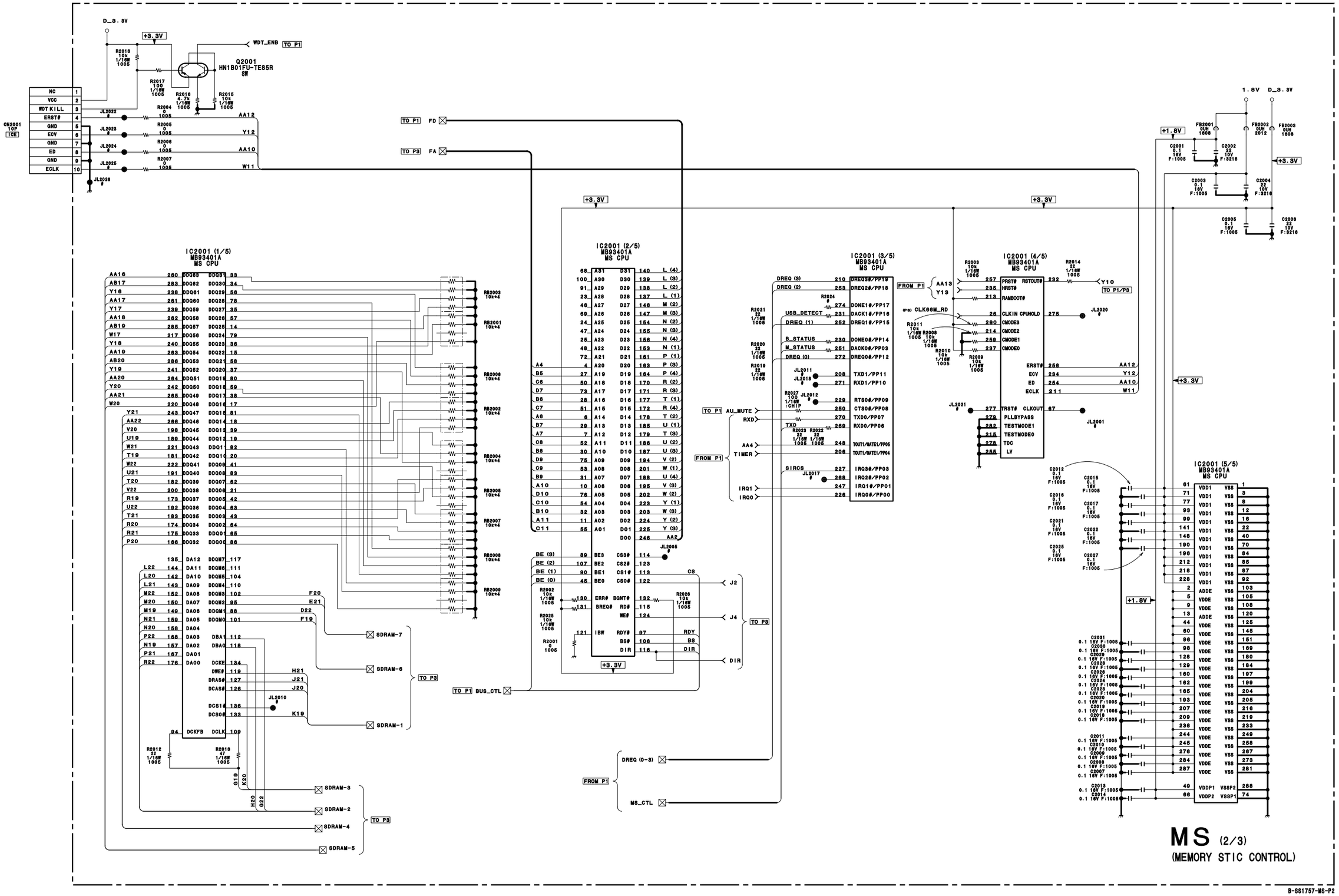


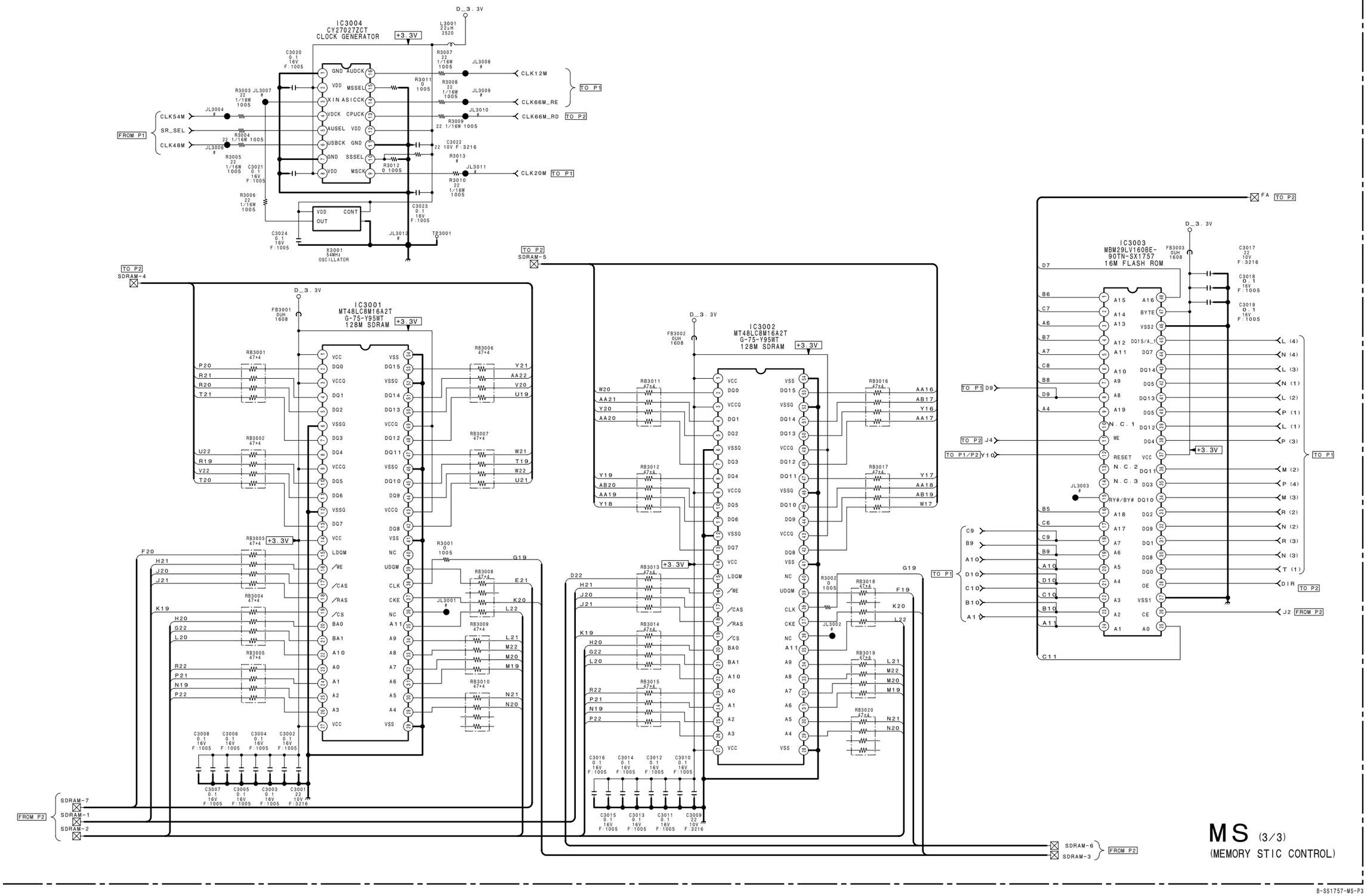


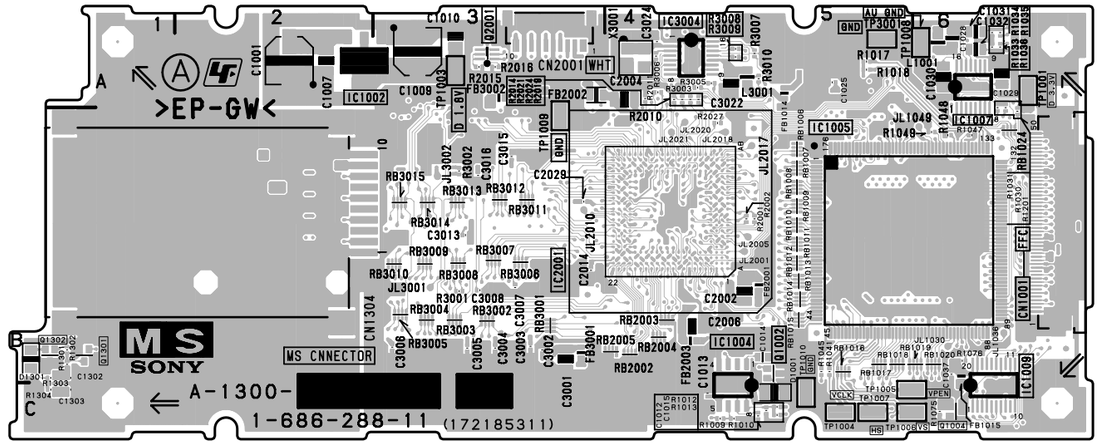
L -A SIDE-
SUFFIX: -11

L -B SIDE-
SUFFIX: -11

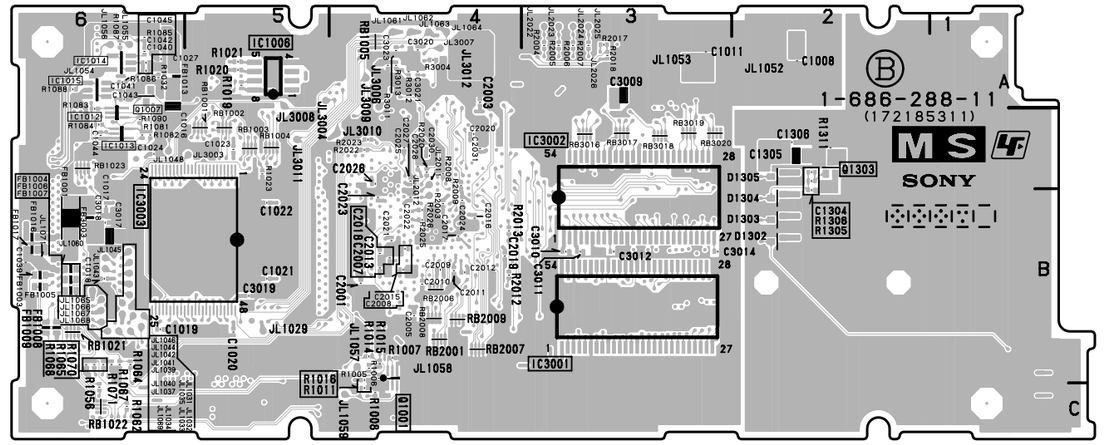

IC1005
MB93491
COMPANION CHIP
IC1006
24LC21AT/SN
EEPROM
IC1007
AK4352VT-E2
AUDIO DAC
Q1007
DTC144EUA-T106
SW
IC1012
TC7S66FU-TE85R
SW
IC1013
TC7S66FU-TE85R
SW
IC1014
LMC7101BIM5X
BUF
IC1015
LMC7101BIM5X
BUF
Q1004
DTC144EUA-T106
INV
IC1009
SN74LV244APWR
Q1001
HN1B01FU-TE85R
SW
IC1004
MM1096AFF
WDT
IC1002
LM1117MPX-1.8
1.8V REG
Q1301
DTC144EUA-T106
INV
Q1303
2SA1576A-T106-QR
POWER SW
Q1302
2SA1576A-T106-QR
LED SW
D1301
CL-190B1-X-T
D1001
SEC1901C
Q1002
2SA1576A-T106-QR
LED SW
D1305
MA3J14700LSO
PROTECT
D1304
MA3J14700LSO
PROTECT
D1303
MA3J14700LSO
PROTECT
D1302
MA3J14700LSO
PROTECT
TO C BOARD
CN102
CN1001
60P
CN1804
10P
MS CONNECTOR
MS (1/3)
(MEMORY STIC CONTROL)
B-SS1757-MS-P1


D_3.3V
+3.3V
WDT_ENB
TO P1
Q2001
HN1B01FU-TE85R
SW
CN2001
10P
TCE
NC
VCC
WDT KILL
ERST#
GND
ECV
GND
ED
GND
ECLK
JL2022
JL2023
JL2024
JL2025
JL2026
AA12
Y12
AA10
W11
TO P1 FD
TO P3 FA
IC2001 (1/5)
MB93401A
MS CPU
IC2001 (2/5)
MB93401A
MS CPU
IC2001 (3/5)
MB93401A
MS CPU
IC2001 (4/5)
MB93401A
MS CPU
IC2001 (5/5)
MB93401A
MS CPU
1.8V
D_3.3V
+1.8V
SDRAM-7
SDRAM-6
SDRAM-1
SDRAM-3
SDRAM-2
SDRAM-4
SDRAM-5
TO P3
TO P1 BUS_CTL
DREQ (0-3)
FROM P1
MS_CTL
TO P1 AU_MUTE
RXD
TXD
TIMER
IRQ1
IRQ0
FROM P1 AA13
Y13
(ps) CLK66M_RD
TO P1/P3
Y10
AA12
Y12
AA10
W11
CS
J2
J4
DIR
RDY
BS
+1.8V
MS (2/3)
(MEMORY STIC CONTROL)
B-SS1757-MS-P2


IC3004
CY27027ZCT
CLOCK GENERATOR
+3.3V
D_3.3V
L3001 22μH 2520
C3020 0.1 16V F:1005
R3007 22 1/16W 1005
JL3008 #
CLK12M
TO P1
R3011 0 1005
R3008 22 1/16W 1005
JL3009 #
CLK66M_RE
JL3010 #
CLK66M_RD TO P2
R3009 22 1/16W 1005
R3003 22 1/16W 1005
JL3007 #
JL3004 #
CLK54M
FROM P1
SR_SEL
CLK48M
R3004 22 1/16W 1005
JL3006 #
R3005 22 1/16W 1005
C3021 0.1 16V F:1005
C3022 10V F:3216
R3013 #
JL3011 #
CLK20M TO P1
R3012 0 1005
R3010 22 1/16W 1005
R3006 22 1/16W 1005
C3023 0.1 16V F:1005
C3024 0.1 16V F:1005
JL3012 #
TB3001
X3001 54MHz OSCILLATOR
GND AUDCK
VDD MSSEL
XIN ASICCK
VDCK CPUCK
AUSEL VDD
USBCK GND
GND SSSEL
VDD MSCK
VDD CONT
OUT
TO P2 SDRAM-4
TO P2 SDRAM-5
IC3001
MT48LC8M16A2T
G-75-Y95WT
128M SDRAM
FB3001 0UH 1608
RB3001 47*4
RB3002 47*4
RB3003 47*4
RB3004 47*4
RB3005 47*4
RB3006 47*4
RB3007 47*4
RB3008 47*4
RB3009 47*4
RB3010 47*4
R3001 0 1005
JL3001 #
C3008 0.1 16V F:1005
C3006 0.1 16V F:1005
C3004 0.1 16V F:1005
C3002 0.1 16V F:1005
C3007 0.1 16V F:1005
C3005 0.1 16V F:1005
C3003 0.1 16V F:1005
C3001 22 10V F:3216
IC3002
MT48LC8M16A2T
G-75-Y95WT
128M SDRAM
FB3002 0UH 1608
RB3011 47*4
RB3012 47*4
RB3013 47*4
RB3014 47*4
RB3015 47*4
RB3016 47*4
RB3017 47*4
RB3018 47*4
RB3019 47*4
RB3020 47*4
R3002 0 1005
JL3002 #
C3016 0.1 16V F:1005
C3014 0.1 16V F:1005
C3012 0.1 16V F:1005
C3010 0.1 16V F:1005
C3015 0.1 16V F:1005
C3013 0.1 16V F:1005
C3011 0.1 16V F:1005
C3009 22 10V F:3216
FA TO P2
IC3003
MBM29LV160BE-
90TN-SX1757
16M FLASH ROM
FB3003 0UH 1608
C3017 22 10V F:3216
C3018 0.1 16V F:1005
C3019 0.1 16V F:1005
TO P1 D9
TO P2 J4
TO P1/P2 Y10
JL3003 #
TO P1
TO P2
FROM P2
SDRAM-7
SDRAM-1
SDRAM-2
SDRAM-6
SDRAM-3
MS (3/3)
(MEMORY STIC CONTROL)
B-SS1757-MS-P3



MS -A SIDE-
SUFFIX: -11



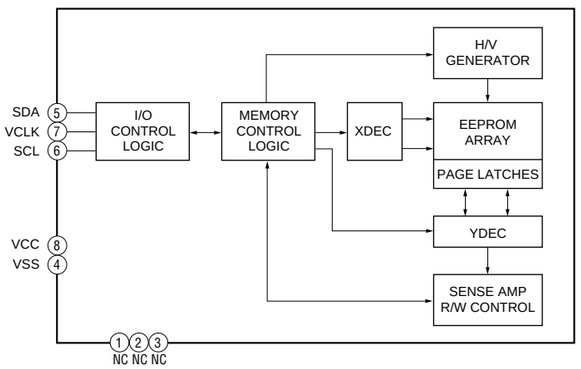
MS -B SIDE-
SUFFIX: -11

MS Board

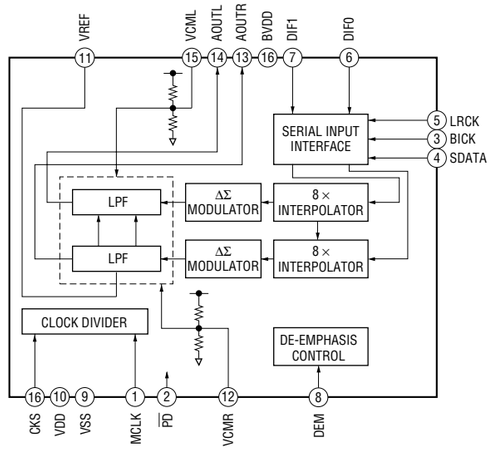
*:B SIDE

D1001	B-5	IC1015	*A-6	TP1001	A-6
D1301	B-1	IC2001	B-4	TP1003	A-3
D1302	*B-2	IC3001	*B-3	TP1004	C-5
D1303	*B-2	IC3002	*A-3	TP1005	C-5
D1304	*B-2	IC3003	*B-6	TP1006	C-5
D1305	*A-2	IC3004	A-4	TP1007	C-5
IC1002	A-2	Q1001	*B-4	TP1008	A-5
IC1004	B-4	Q1002	B-5	TP1009	A-3
IC1005	A-5	Q1004	C-6	TP1010	B-5
IC1006	*A-5	Q1007	*A-6	TP3001	A-5
IC1007	A-6	Q1301	B-1		
IC1009	B-6	Q1302	B-1		
IC1012	*A-6	Q1303	*A-2		
IC1013	*A-6	Q2001	A-3		
IC1014	*A-6				

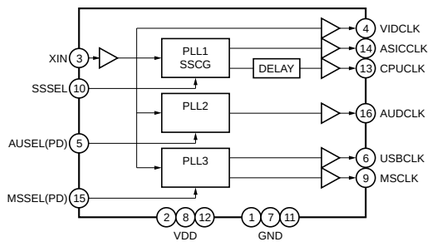
MS (1/3) 24LC21AT/SN (IC1006)



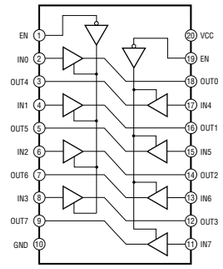
MS (1/3) AK4352VT-E2 (IC1007)



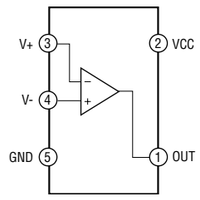
MS (3/3) CY27027ZCT (IC3004)



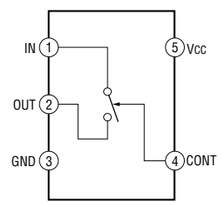
MS (1/3) SN74LV244APWR (IC1009)

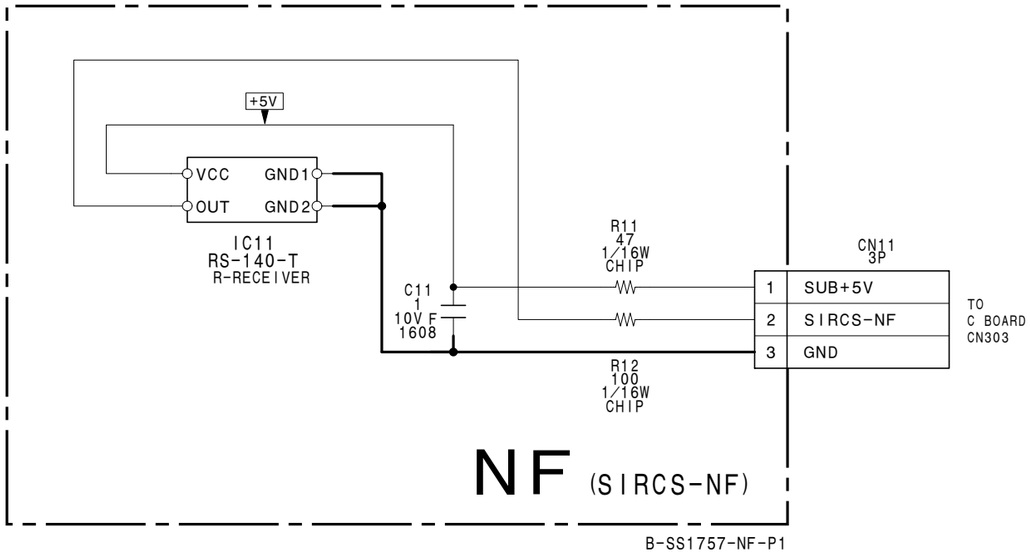


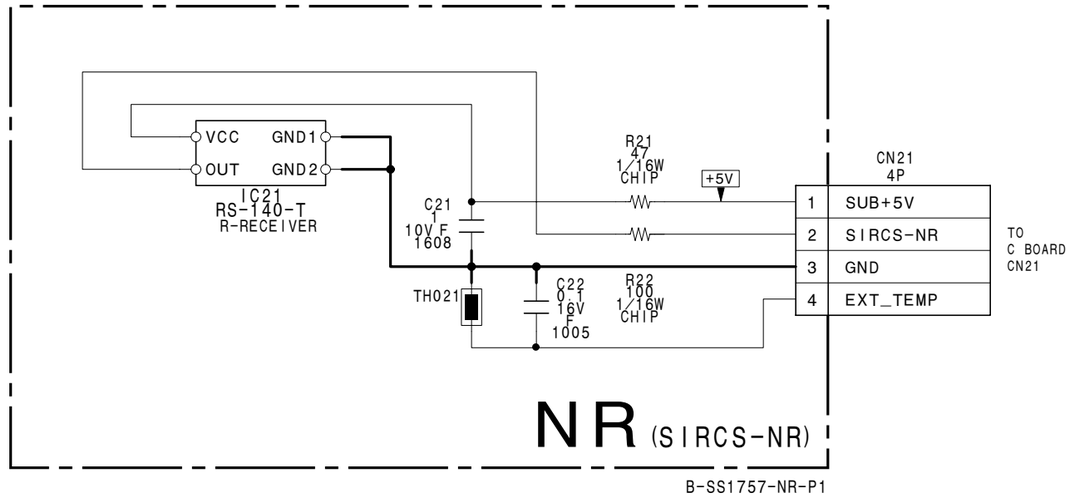
MS (1/3) LMC7101BIM5X (IC1014, 1015)

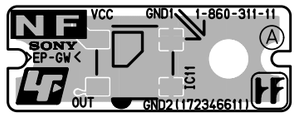


MS (1/3) TC7S66FU-TE85R (IC1012, 1013)

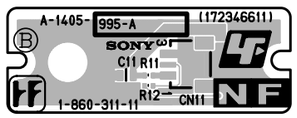




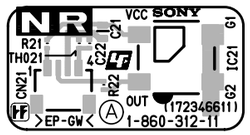




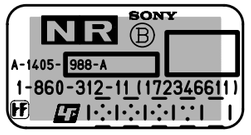
NF -A SIDE-
SUFFIX: -11



NF -B SIDE-
SUFFIX: -11



NR -A SIDE-
SUFFIX: -11



NR -B SIDE-
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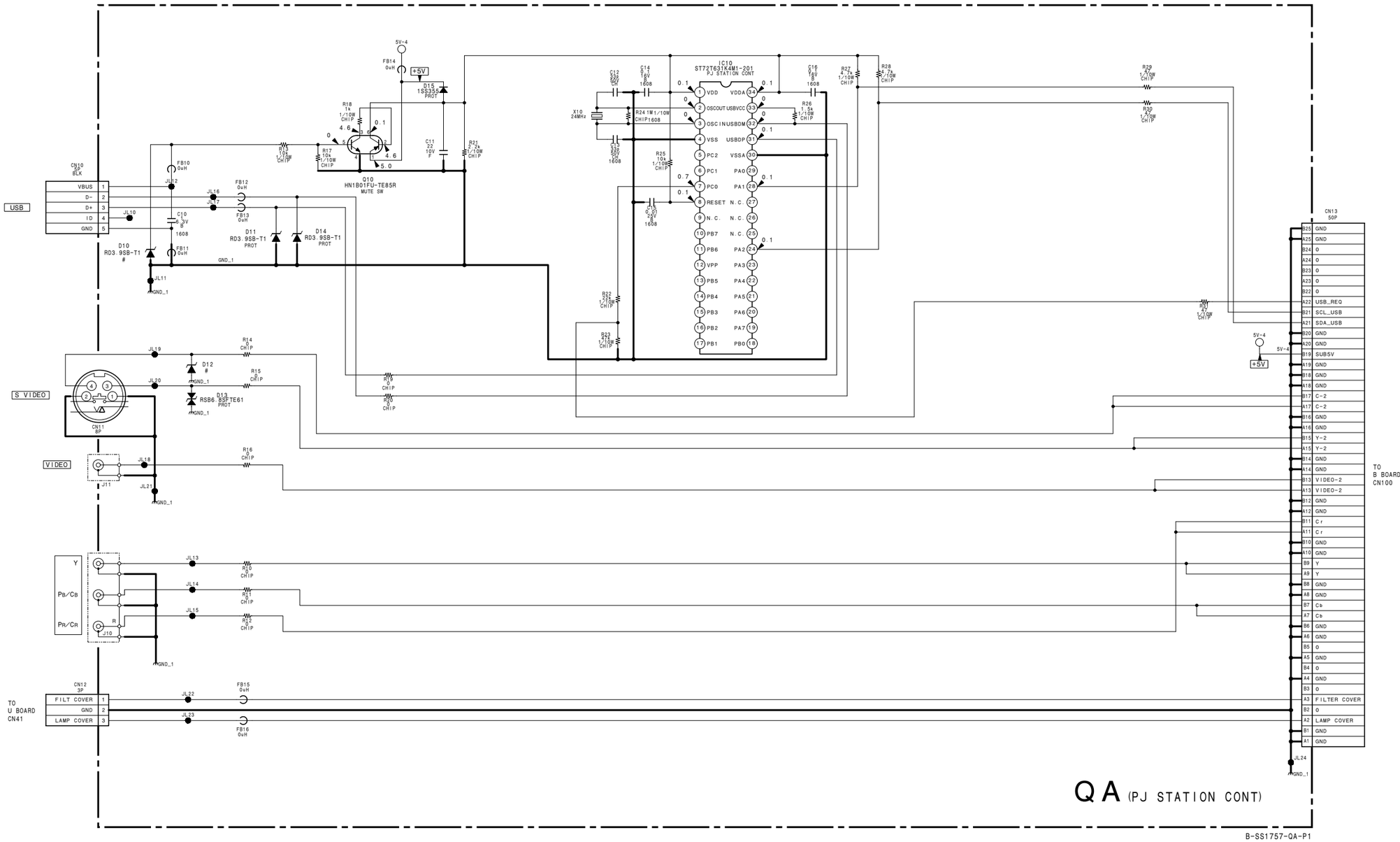
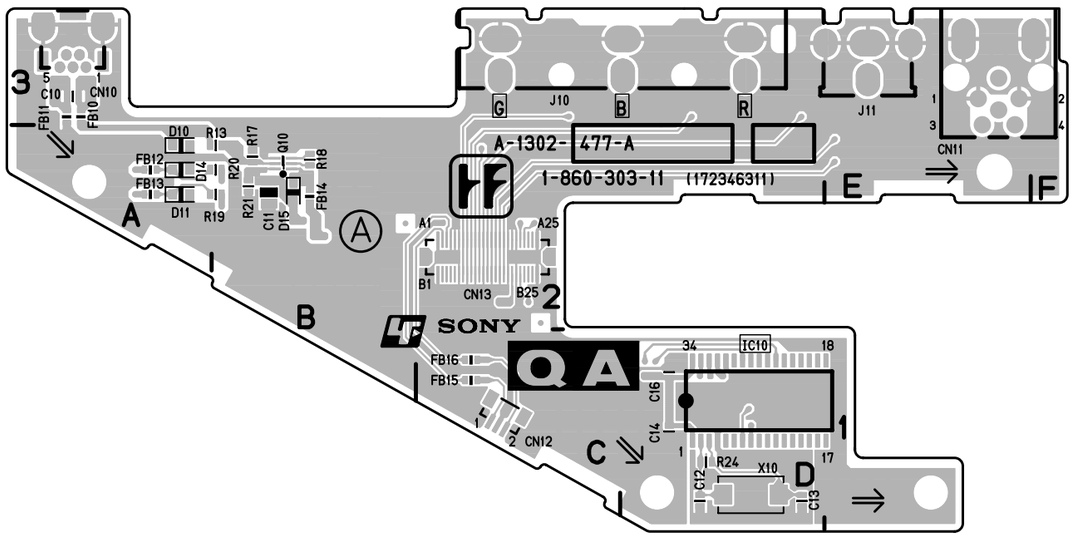
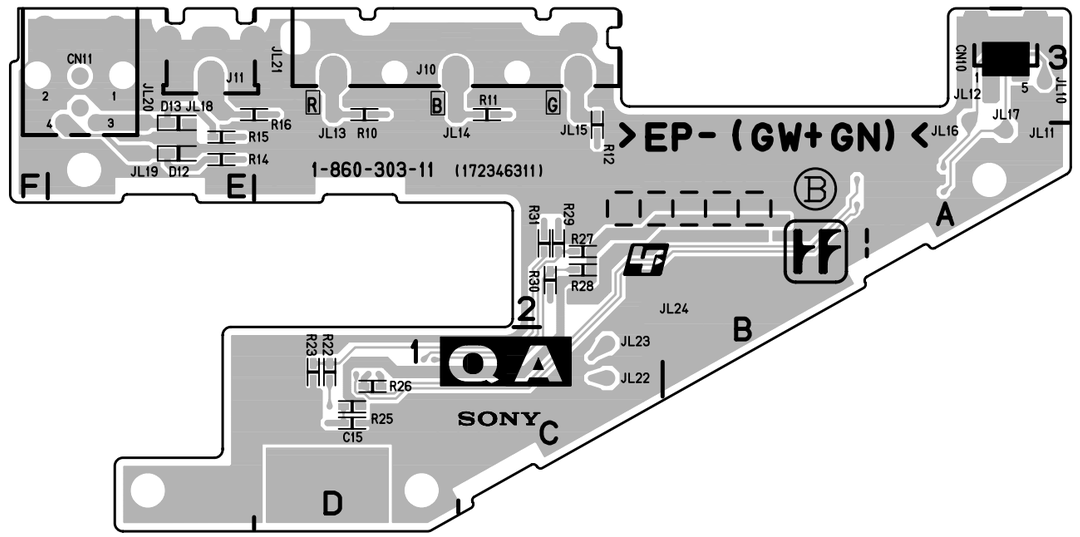

USB
S VIDEO
VIDEO
TO U BOARD CN41
TO B BOARD CN100
IC10 ST72T63TK4M1-201 PJ STATION CONT
Q10 HN1B01FU-TE85R MUTE SW
D10 RD3.9SB-T1
D11 RD3.9SB-T1 PROT
D14 RD3.9SB-T1 PROT
D15 1SS355 PROT
D13 RSB6.8SFTE61 PROT
X10 24MHz
CN10 5P BLK
CN11 8P
CN12 3P
CN13 50P
VBUS
D-
D+
ID
GND
FILT COVER
LAMP COVER
Y
PB/CB
PR/CR
5V-4
+5V
GND_1
QA (PJ STATION CONT)
B-SS1757-QA-P1



QA -A SIDE-
SUFFIX: -11

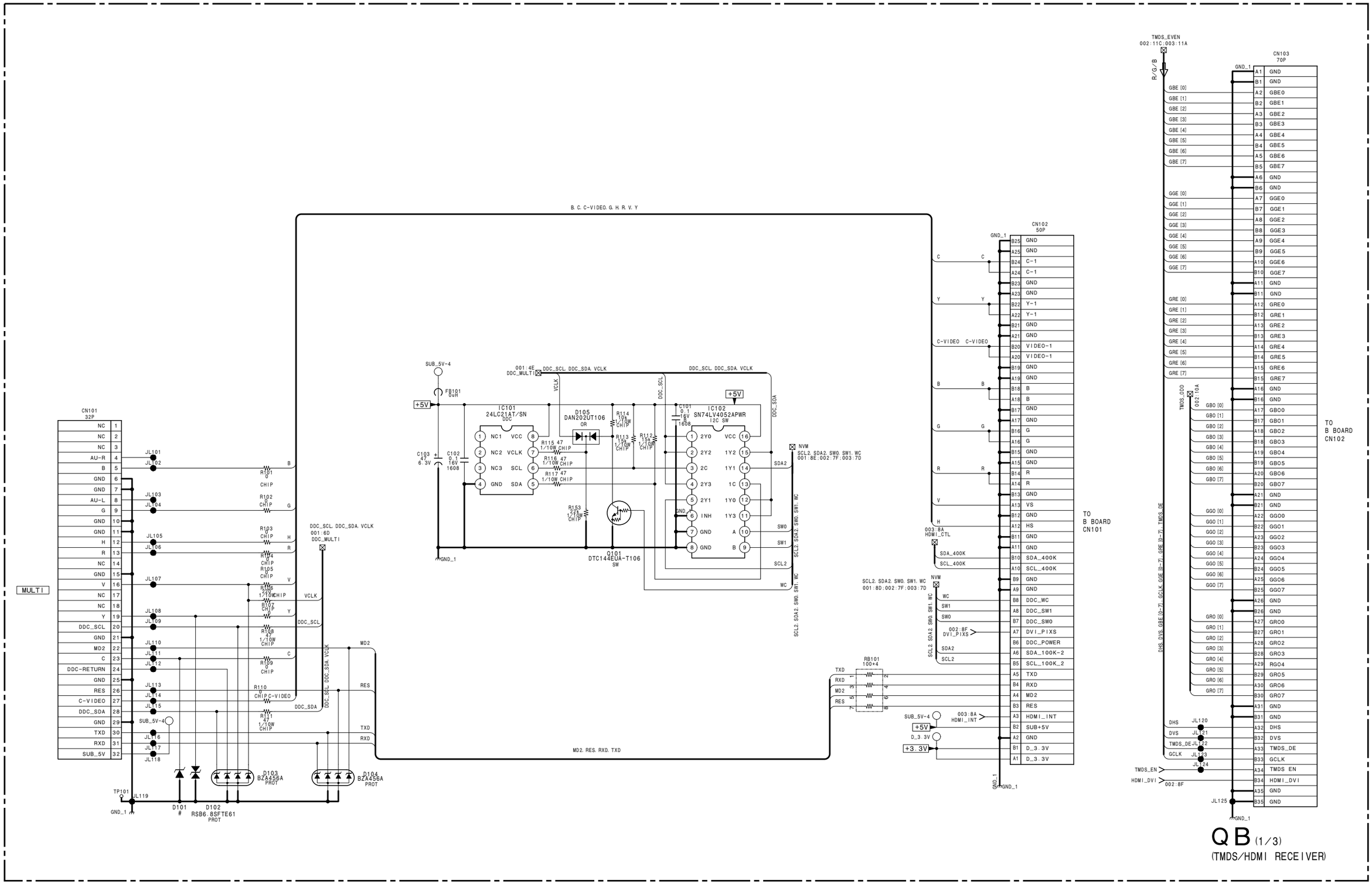


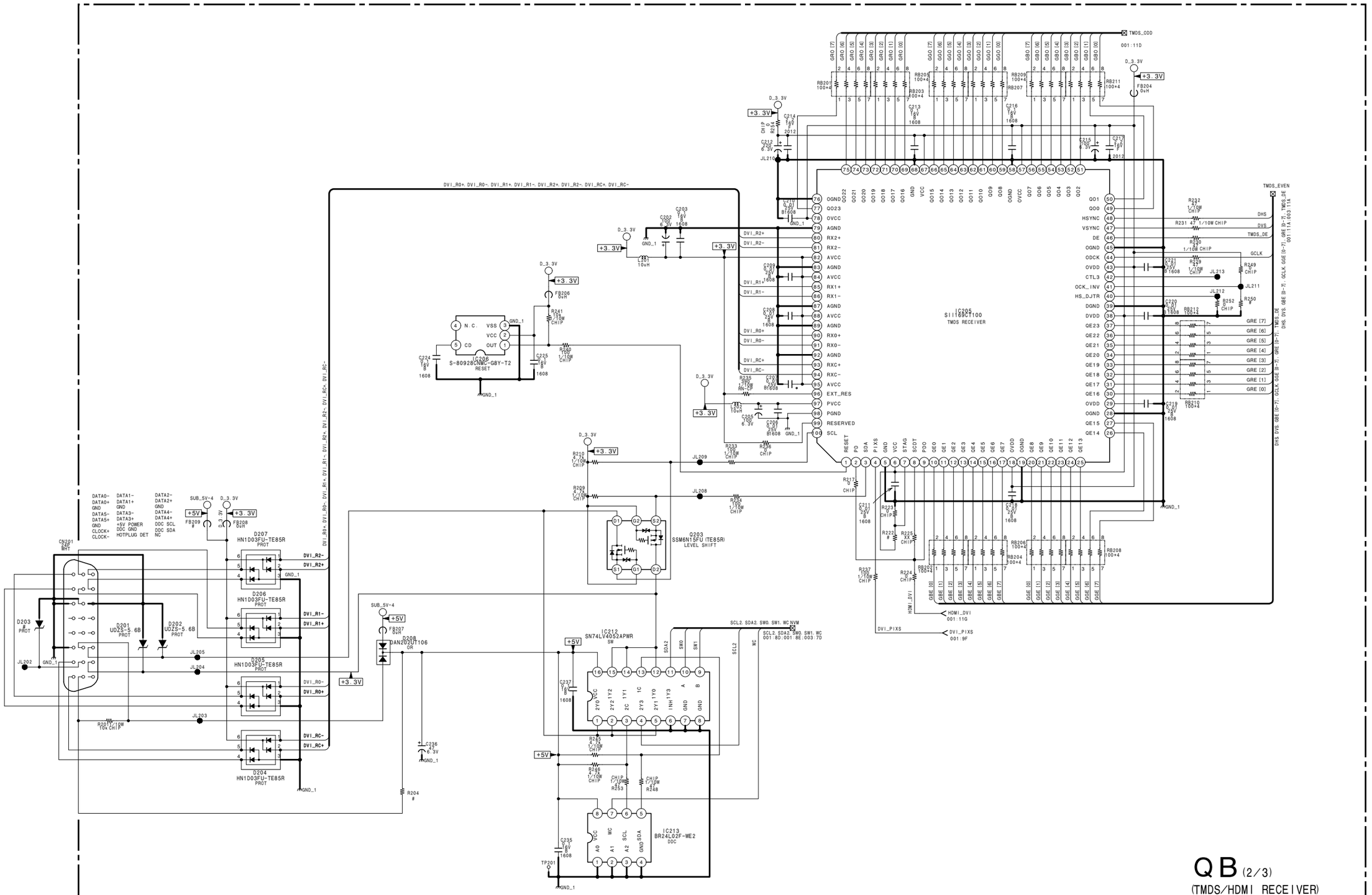
QA -B SIDE-
SUFFIX: -11

QA Board

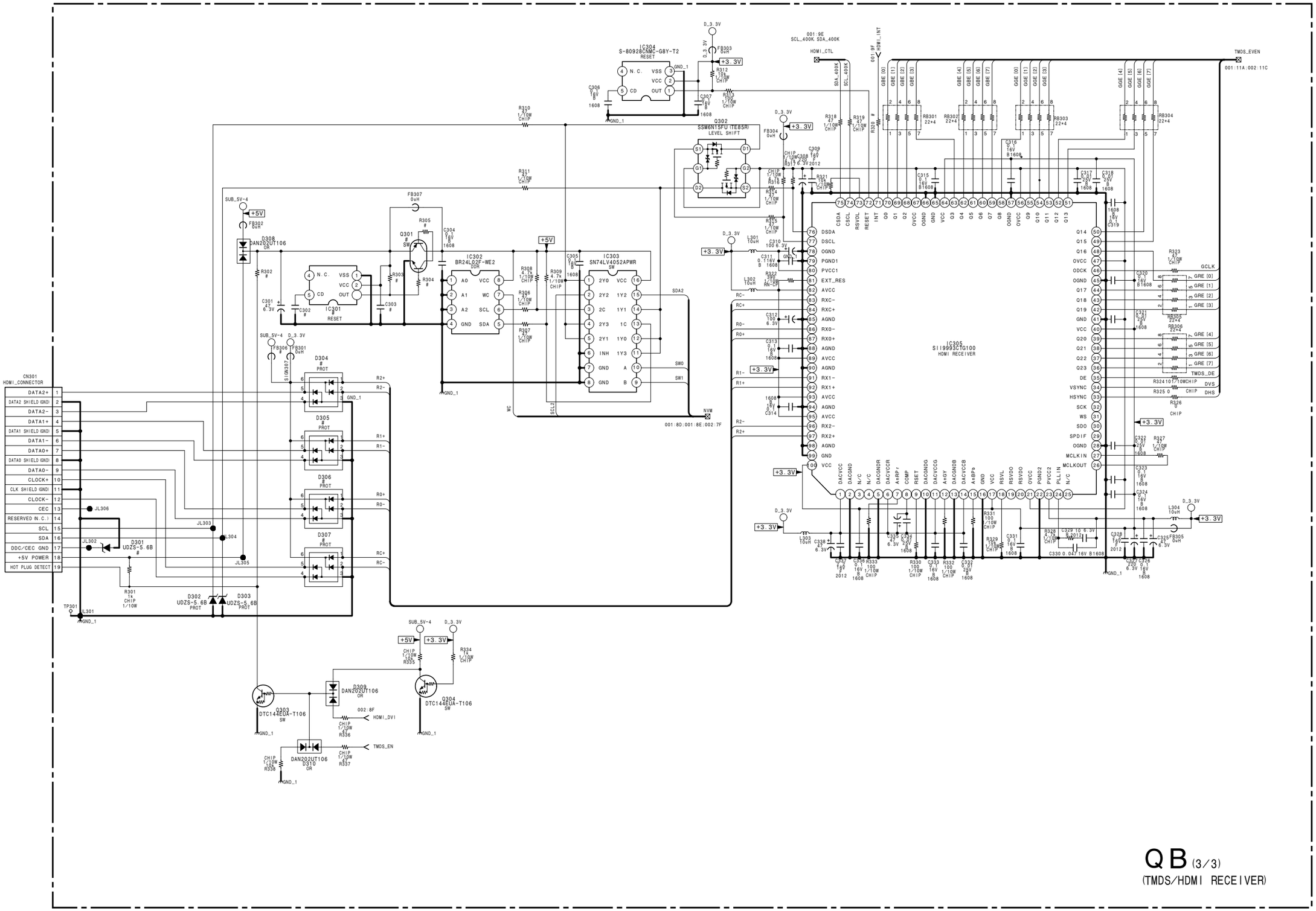
*:B SIDE

D11	A-2
D12	*E-2
D14	A-2
D15	A-2
IC10	D-1
Q10	A-2


B. C. C-VIDEO. G. H. R. V. Y
CN101
32P
MULTI
JL101
JL102
JL103
JL104
JL105
JL106
JL107
JL108
JL109
JL110
JL111
JL112
JL113
JL114
JL115
JL116
JL117
JL118
JL119
TP101
R101 0 CHIP B
R102 0 CHIP G
R103 0 CHIP H
R104 CHIP R
R105 CHIP V
R106 1/10W CHIP
R107 CHIP Y
R108 47 1/10W CHIP
R109 0 CHIP C
R110 0 CHIP C-VIDEO
R111 47 1/10W CHIP
SUB_5V-4
VCLK
DDC_SCL
DDC_SDA
MD2
RES
TXD
RXD
SUB_5V
GND_1
D101 # RSB6.8SFTE61 PROT
D103 BZA456A PROT
D104 BZA456A PROT
001:4E DDC_MULTI
DDC_SCL. DDC_SDA. VCLK
FB101 0uH
+5V
IC101 24LC21AT/SN DDC
C103 47 6.3V
C102 0.1 16V 1608
D105 DAN202UT106 OR
R114 10K 1/10W CHIP
R113 10K 1/10W CHIP
R112 15K 1/10W CHIP
R115 47 1/10W CHIP
R116 47 1/10W CHIP
R117 47 1/10W CHIP
R153 22K 1/10W CHIP
Q101 DTC144EUA-T106 SW
C101 0.1 16V 1608
IC102 SN74LV4052APWR I2C SW
2Y0 2Y2 2Y1 2Y3 2C INH GND
1Y0 1Y2 1Y1 1Y3 1C A B VCC
NVM
SCL2. SDA2. SW0. SW1. WC
001:8E:002:7F:003:7D
SDA2 SW0 SW1 SCL2 WC
CN102
50P
GND_1
C C-1 Y Y-1 C-VIDEO VIDEO-1 B B G G R R V VS H HS SDA_400K SCL_400K DDC_WC DDC_SW1 DDC_SW0 DVI_PIXS DDC_POWER SDA_100K-2 SCL_100K_2 TXD RXD MD2 RES HDMI_INT SUB+5V D_3.3V
003:8A HDMI_CTL
002:8F DVI_PIXS
003:8A HDMI_INT
RB101 100×4
TO B BOARD CN101
TMDS_EVEN 002:11C:003:11A
R/G/B
CN103 70P
GBE [0] GBE [1] GBE [2] GBE [3] GBE [4] GBE [5] GBE [6] GBE [7]
GGE [0] GGE [1] GGE [2] GGE [3] GGE [4] GGE [5] GGE [6] GGE [7]
GRE [0] GRE [1] GRE [2] GRE [3] GRE [4] GRE [5] GRE [6] GRE [7]
TMDS_ODD 002:10A
GBO [0] GBO [1] GBO [2] GBO [3] GBO [4] GBO [5] GBO [6] GBO [7]
GGO [0] GGO [1] GGO [2] GGO [3] GGO [4] GGO [5] GGO [6] GGO [7]
GRO [0] GRO [1] GRO [2] GRO [3] GRO [4] GRO [5] GRO [6] GRO [7]
DHS DVS GBE [0-7]. GGE [0-7]. GRE [0-7]. TMDS_DE
DHS DVS TMDS_DE GCLK
TMDS_EN
HDMI_DVI
002:8F
TO B BOARD CN102
QB (1/3)
(TMDS/HDMI RECEIVER)
B-SS1757-QB-P1



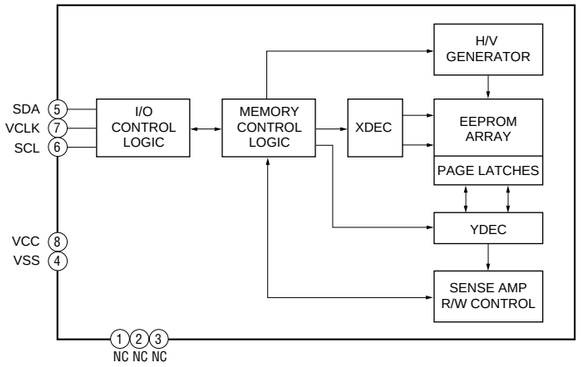
B-SS1757-QB-P2



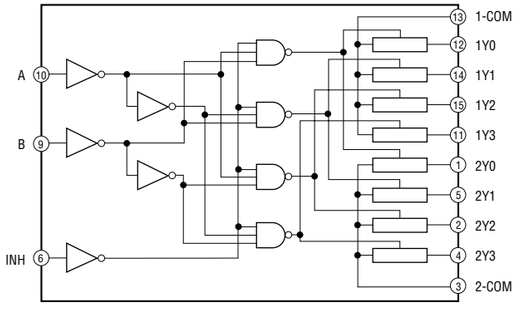
QB (3/3)
(TMDS/HDMI RECEIVER)

B-SS1757-QB-P3

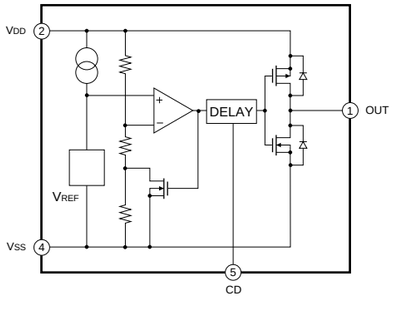
QB (1/3) 24LC21AT/SN (IC101)



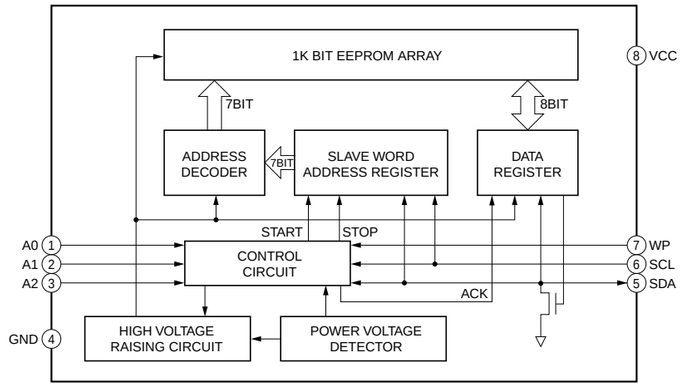
QB (1/3) SN74LV4052APWR (IC102)
QB (2/3) SN74LV4052APWR (IC212)
QB (3/3) SN74LV4052APWR (IC303)



QB (2/3) S-80928CNMC-GBYT2 (IC206)
QB (3/3) S-80928CNMC-GBYT2 (IC304)



QB (2/3) BR24L02F-WE2 (IC213)
QB (3/3) BR24L02F-WE2 (IC302)



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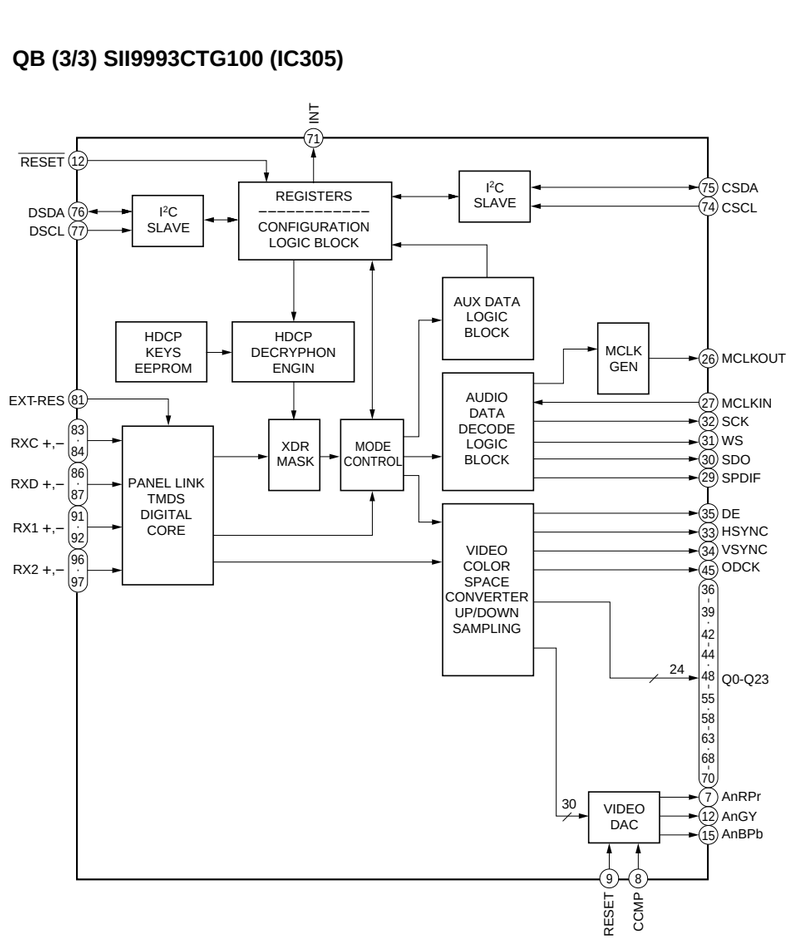
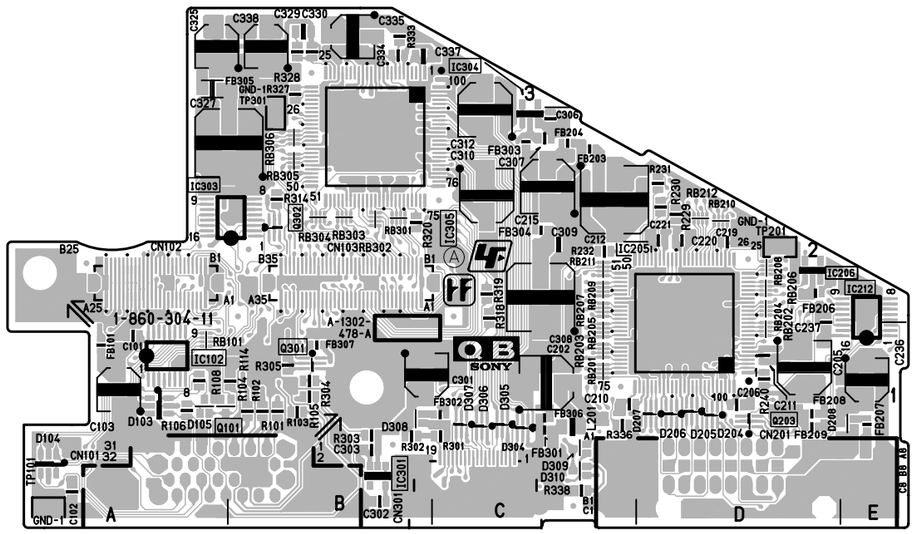
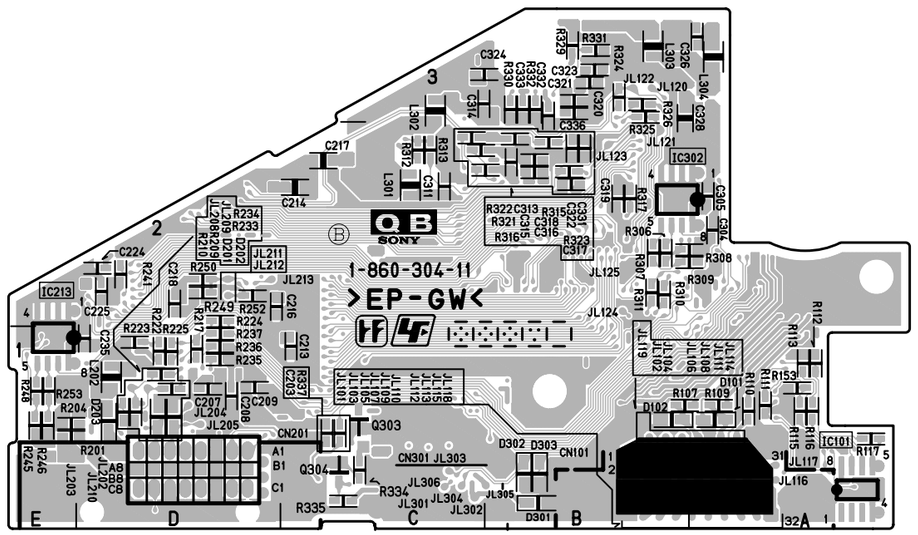




QB -A SIDE-
SUFFIX: -11

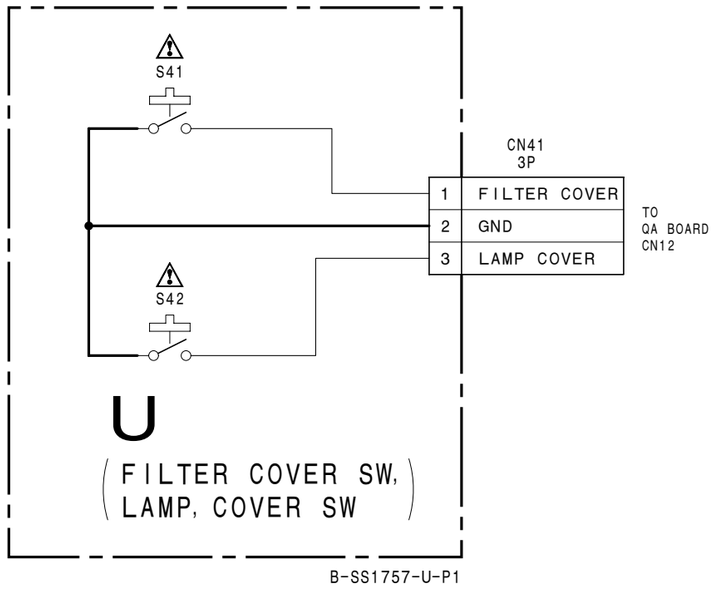


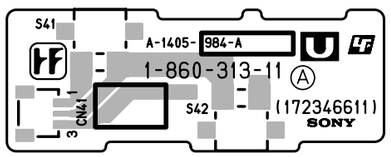
QB -B SIDE-
SUFFIX: -11

QB Board

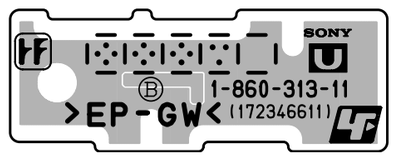
*:B SIDE

D101	*A-1
D103	A-1
D104	A-1
D105	A-1
D201	*D-1
D202	*D-1
D204	D-1
D205	D-1
D206	D-1
D207	D-1
D208	D-1
D302	*B-1
D303	*B-1
D308	B-1
D309	C-1
D310	C-1
IC101	*A-1
IC102	A-1
IC206	D-2
IC205	C-2
IC212	E-2
IC213	*E-1
IC302	*B-2
IC303	A-2
IC304	C-3
IC305	C-2
Q101	A-1
Q203	D-1
Q302	B-2
Q303	*C-1
Q304	*C-1
TP101	A-1
TP201	D-2
TP301	B-3





U -A SIDE-
SUFFIX: -11



U -B SIDE-
SUFFIX: -11

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer :

Check the metal trim, “metallized” knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 3.5 mA. Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers’ instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The “limit” indication is 5.25 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 20 V AC range are suitable. (See Fig. A)

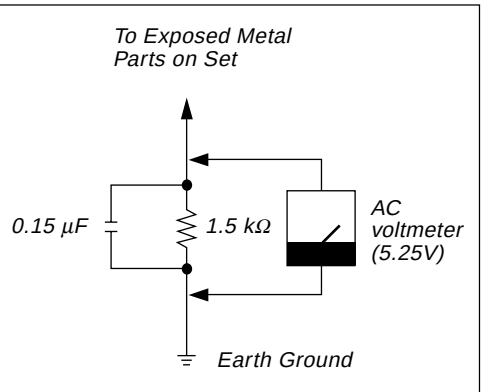


Fig A. Using an AC voltmeter to check AC leakage.

VPL-HS20 (SY) E
9-870-391-01

Sony Corporation
B&P Company

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